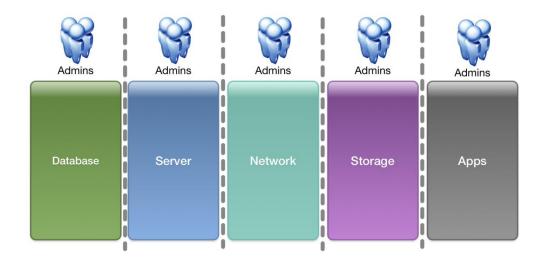
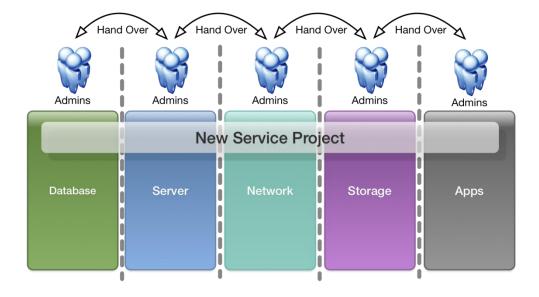
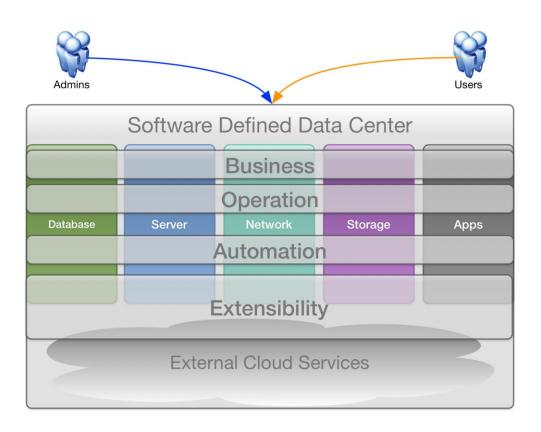
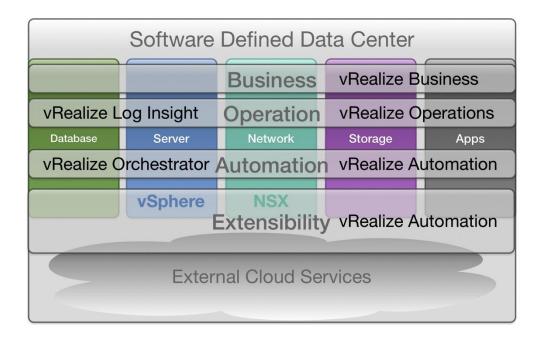
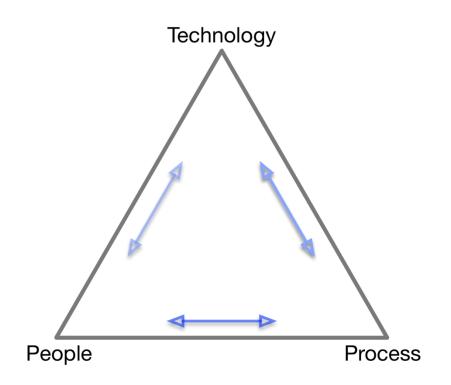
Chapter 1: The Software-Defined Data Center

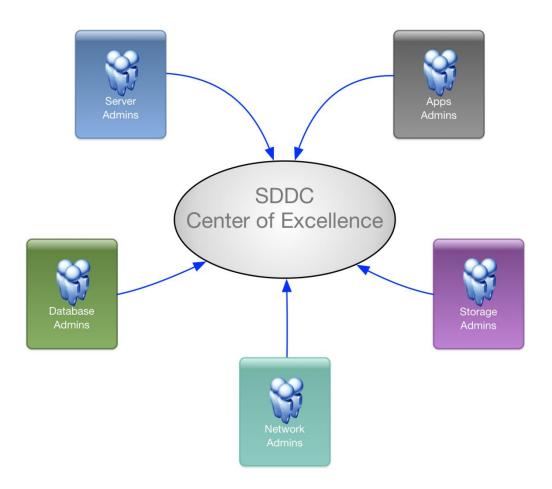




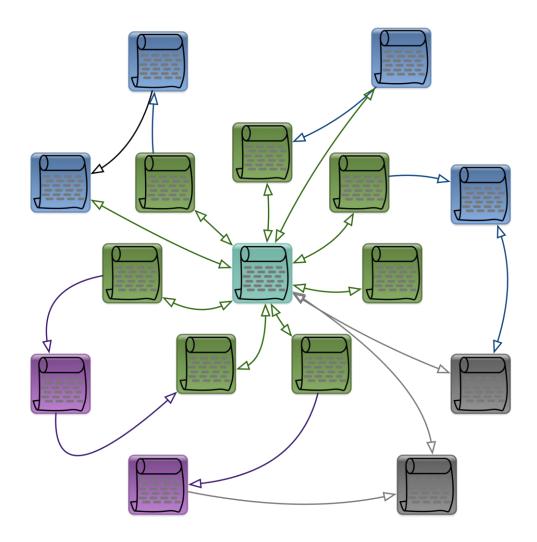


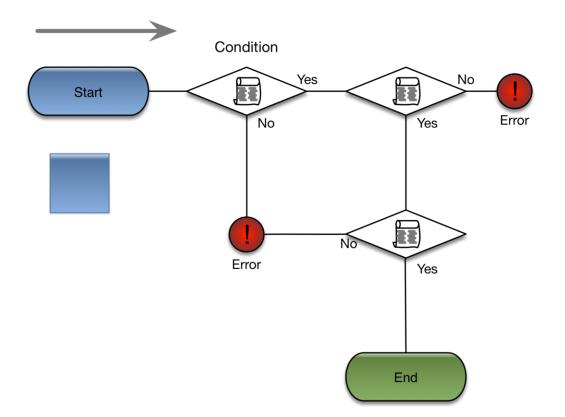




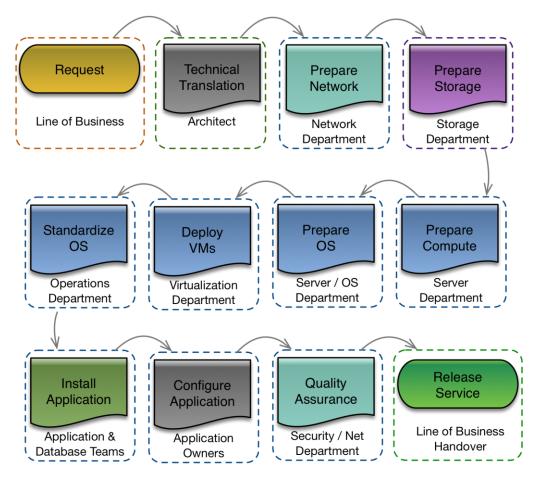


Chapter 2: Identify Automation and Standardization Opportunities

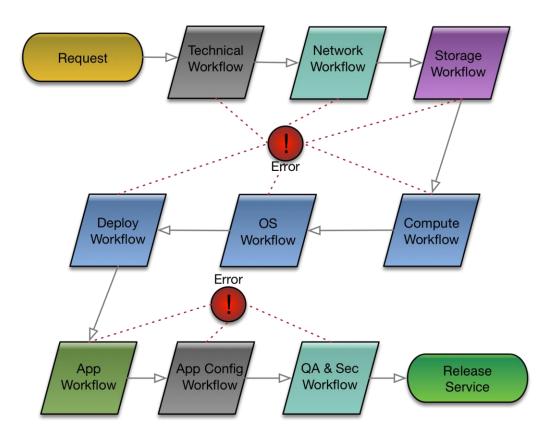


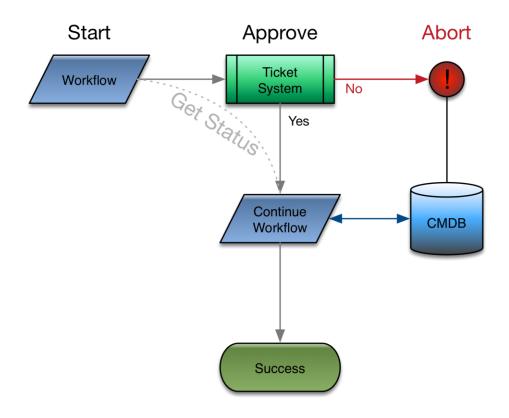


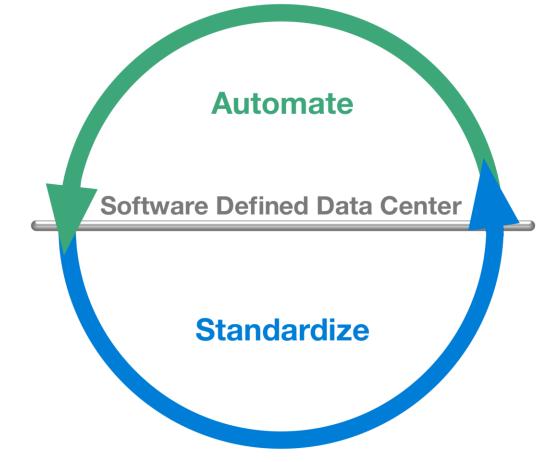
Sample Process



Sample Workflow



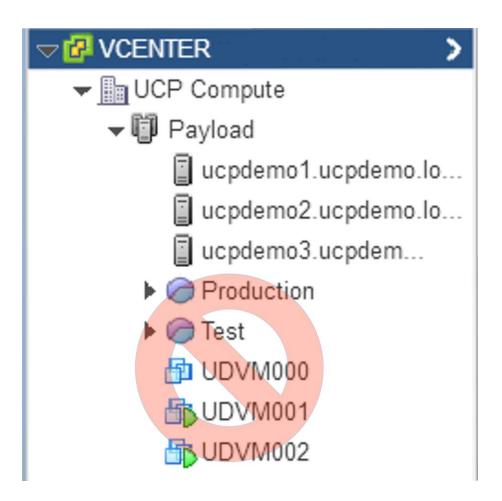




Chapter 3: VMware vSphere: The SDDC Foundation

| VWHost Groups | |
|-----------------|------------|
| Add Edit Delete | |
| Name | Туре |
| 🚰 Rack1 | Host Group |
| Rack2 | Host Group |
| P VMRack1 | VM Group |
| P VMRack2 | VM Group |
| | |
| | |
| | |
| | |
| | |
| | |

| | Delete | | | | |
|--------------------------------|------------------------------|------------------------------|---------------------------|-------------|------------|
| lame | Туре | | Enabled | Conflicts | Defined By |
| 📁 RunOnRack01 | Run VMs on Hosts | | Yes | 0 | User |
| 🗯 RunOnRack02 | Run VMs on Hosts | | Yes | 0 | User |
| | | | | | |
| | | | | | |
| /WHost Rule Details | | = | | | |
| /irtual Machines that are meml | have of the V/M Crown should | | | | |
| intual machines that are menn | bers of the vivi Group shoul | d run on hosts that are n | nembers of the r | Host Group. | |
| Add Remove | bers of the VM Group should | | emove | Host Group. | |
| Add Remove | bers of the VM Group shour | | emove | Host Group. | |
| Add Remove | bers of the VM Group shour | Add Re | emove s | Host Group. | |
| Add Remove | bers of the VM Group shour | Add Re Rack1 Group Member | emove s pdemo.local | Host Group. | |
| Add Remove | bers of the VM Group shour | Add Re Rack1 Group Member | emove s pdemo.local | Host Group. | |
| Add Remove | bers of the VM Group shou | Add Re Rack1 Group Member | emove s pdemo.local | Host Group. | |
| Add Remove | bers of the VM Group shou | Add Re Rack1 Group Member | emove s pdemo.local | Host Group. | Edit |
| Add Remove | | Add Re Rack1 Group Member | emove s pdemo.local | Host Group. | Edit |
| Add Remove | | Add Re Rack1 Group Member | emove s pdemo.local | Host Group. | Edit |



PayloadDs - Edit Storage DRS Settings

✓ Turn ON vSphere Storage DRS

| Storage DRS automation | |
|--|---|
| Cluster automation level | No Automation (Manual Mode) vCenter Server will make migration recommendations for virtual machine storage, but will not perform automatic migrations. Fully Automated |
| | Files will be migrated automatically to optimize resource usage. |
| Space balance automation level | Use cluster settings |
| I/O balance automation level | No Automation (Manual Mode) |
| Rule enforcement automation level | Use cluster settings |
| Policy enforcement automation level | Use cluster settings |
| VM evacuation automation level | Use cluster settings |
| Space threshold | ● Utilized space 50 % 100 % 80 🔹 % |
| | ◯ Minimum free space 1 GB |
| I/O metrics | |
| I/O metric inclusion | Enable I/O metric for SDRS recommendations Select this option if you want I/O metrics considered as a part of any SDRS recommendations or automated migrations in this data store cluster |
| I/O latency threshold | 5 ms 100 ms 15 👘 ms |
| Advanced options | Expand for advanced options |

(?)+

PayloadDs - Edit Storage DRS Settings

✓ Turn ON vSphere Storage DRS

| Storage DRS automation Cluster automation level | No Automation (Manual Mode) |
|--|---|
| Cluster automation level | O No Automation (Manual Mode) |
| | vCenter Server will make migration recommendations for virtual machine storage, but will not perform automatic migrations. Fully Automated Files will be migrated automatically to optimize resource usage. |
| Space balance automation level | Use cluster settings |
| I/O balance automation level | No Automation (Manual Mode) |
| Rule enforcement automation level | Use cluster settings |
| Policy enforcement automation level | Use cluster settings |
| VM evacuation automation level | Use cluster settings |
| Space threshold | Utilized space Minimum free space GB |
| I/O metrics | |
| I/O metric inclusion | Enable I/O metric for SDRS recommendations Select this option if you want I/O metrics considered as a part of any SDRS recommendations or automated migrations in this data store cluster |
| I/O latency threshold | 5 ms 100 ms 15 🔹 ms |
| Advanced options | Expand for advanced options |

4 (?)

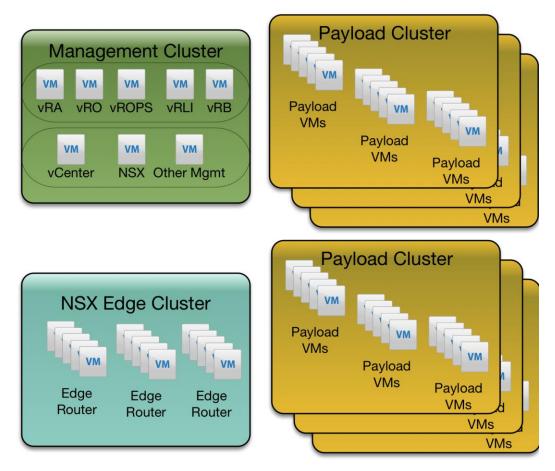
| etting Sta | arted Summary | Monit | or Manage | Related Objects | | | | | | | |
|------------|-------------------|-------|-----------------|---------------------------|---------|--------------|--------------|-------|------------------------------|-------------------|-----------|
| ettings | Alarm Definitions | Tags | Permissions | Network Protocol Profile: | s Ports | Resource | Allocation | | | | |
| 4 | | | | | | | | | Network | I/O Control: | Enabled |
| System | n traffic | | 0 Gbit/s | | 1 | .50 Gbit/s | 10.00 Gbit/s | | Version: | | 3 |
| Netwo | rk resource pools | | Total bandwidth | capacity | | 10.0 | 0 Gbit/s | | | network adapters: | 6 |
| | | | Maximum rese | rvation allowed 📵 | | 7.5 | 0 Gbit/s | | Minimum link speed: 10,000 l | | |
| | | | Configured | I reservation | | 0.0 | 0 Gbit/s | | | | |
| | | | Available t | pandwidth | | 10.0 | 0 Gbit/s | | | | |
| | | | 1 | | | | | | | Q Filter | |
| | | | Traffic Type | | Shares | Shares | Value | 1 🛦 R | eservation | Limit | |
| | | | iSCSI Traffic | | Norma | E . | Ę | 50 | 0 Mbit/s | | Unlimite |
| | | | Fault Tolerance | (FT) Traffic | Norma | | Ę | 50 | 0 Mbit/s | | Unlimite |
| | | | vMotion Traffic | | Norma | | 6 | 50 | 0 Mbit/s | | Unlimite |
| | | | vSphere Replic | ation (VR) Traffic | Norma | | E | 50 | 0 Mbit/s | | Unlimite |
| | | | Management T | raffic | Norma | 1 1 1 | E | 50 | 0 Mbit/s | | Unlimited |
| | | | NFS Traffic | | Norma | | Ę | 50 | 0 Mbit/s | | Unlimite |
| | | | Virtual SAN Tra | ffic | Norma | | E | 50 | 0 Mbit/s | | Unlimite |
| | | | vSphere Data F | Protection Backup Traffic | Norma | | Ę | 50 | 0 Mbit/s | | Unlimited |
| | | | Virtual Machine | Traffic | High | 1 | 10 | 0 | 0 Mbit/s | | Unlimited |

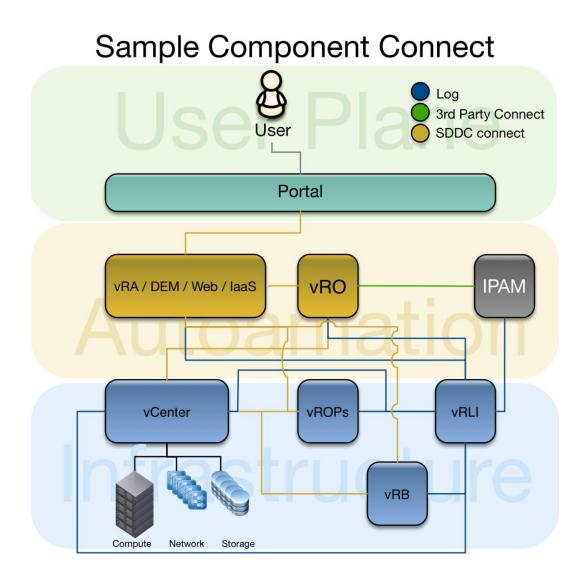
| | | - | | 1 | | |
|------------------------------|------------------|---------|---------------|------------------------------|-----------------------------|-----|
| Settings Scheduled Tasks A | Narm Definitions | Tags | Permissions | | | |
| 44 | VM Overrides | | | | | |
| ✓ Services vSphere DRS | Add | Edit | Delet | te | | |
| vSphere HA | Name | | | vSphere DRS Automation Level | vSphere HA Restart Priority | 1 🔺 |
| Virtual SAN | DE VRA_DEM | Л | | Default (Fully Automated) | High | |
| | Mware VMware | Realize | e Log Insight | Default (Fully Automated) | High | |
| ★ Configuration Constant | 🔂 VMware | Realize | e Appliance | Default (Fully Automated) | High | |
| General | 🔂 vRealize | Busines | s for Cloud | Default (Fully Automated) | Low | |
| Licensing | 🔂 vRealize | Operati | ons Manager | Default (Fully Automated) | Low | |
| VMware EVC | 🔂 VMware | Realize | orchestrat | Default (Fully Automated) | Medium | |
| VM/Host Groups | | | | | | |
| VM/Host Rules | | | | | | |
| VM Overrides | | | | | | |
| Host Options | | | | | | |
| Profiles | | | | | | |

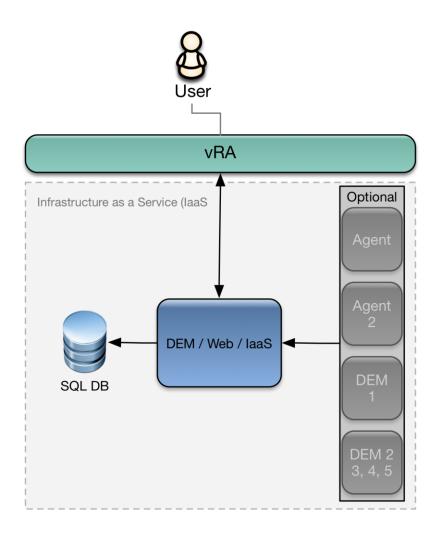
| 6 | Create New VM Sto | Add | Tag-Based Ru | ile | | | | | (?) (X | | (?) |
|---|---------------------|------|--------------|-------------|-----|--------------------------|---|----------|-------------|--------|---------------|
| ~ | 1 Name and descrip | The | | 0 | | | | | | | |
| , | 2 Rule-Sets | | | Categories: | Sto | rage | | Q Filter | • | | |
| 1 | 2a Rule-Set 1 | | Tag | | | Description | | | | | |
| | 3 Storage compatib | | 🦪 Gold | | | Standard tag for storage | | | | | |
| | 4 Ready to complete | | 🦪 Ultra | | | High End Storage Cluster | | | | - | |
| | | | | | | | | | | | |
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| | | 86 | | | | | | | 2 items 🔒 🕇 | | |
| | | 1010 | | | | | | | z items | | |
| | | | | | | | | 0 | Cancel | Deere | |
| | L. | | | _ | | | _ | - | | Remove | this rule set |
| | | | | | | | | Back | Next | | Cancel |

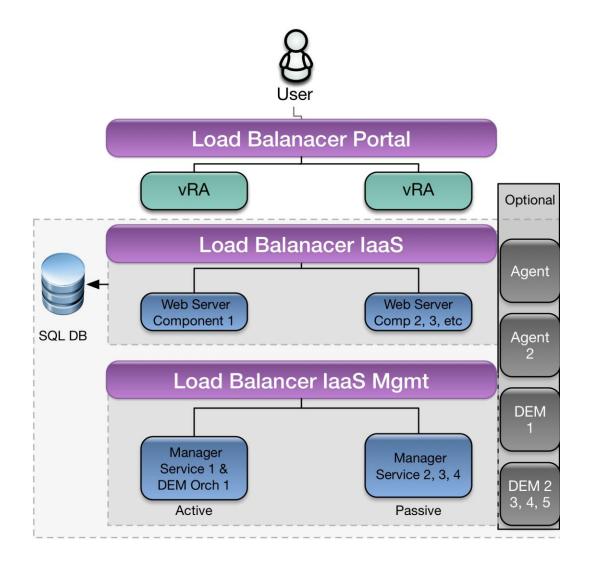
Chapter 4: SDDC Design Considerations

Sample Cluster Design

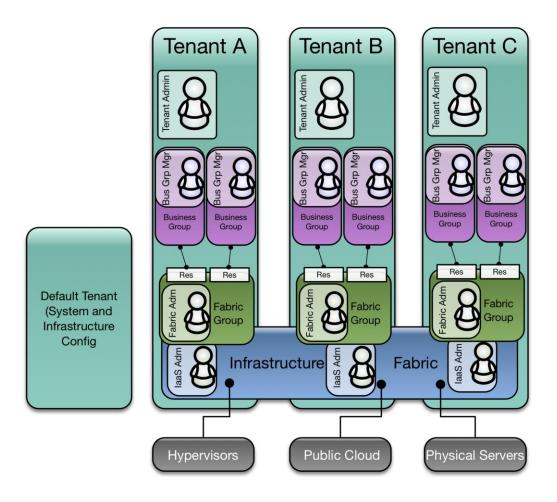








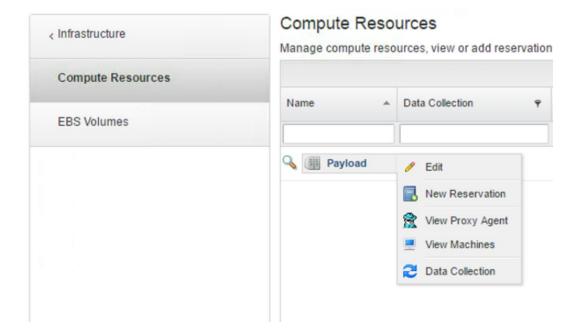
Sample Tenant Design

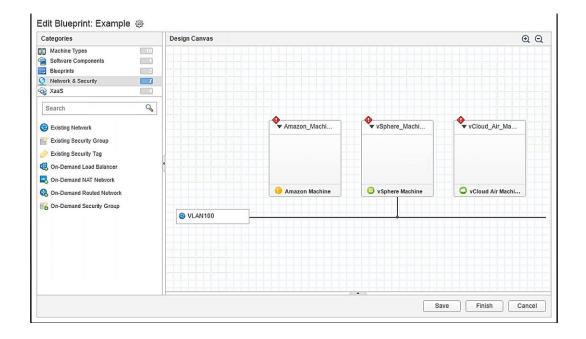


Chapter 5: VMware vRealize Automation

| eployment Type | Deployment Type | Help ? |
|---|---|--|
| stallation Prerequisites | Choose a deployment type for your installation and whether to install infrastructure component, laaS. Each deployment type has different h requirements. | |
| Realize Automation ost ingle Sign-On aS Host | Minimal deployment Enterprise deployment Minimal deployments are typically used in a development environment or as a proof of concept. | Meter Application Meter Application Meter Application Meter Application Meter Application |
| crosoft® SQL Server stributed Execution anagers | For minimal deployments, you must deploy one vRealize Appliance. You can install all infrastructure components on a single Windows machine . | Store Content Store Marken Store |
| ients | ✓ Install Infrastructure as a Service | You can click to have the diagram open in a separate |
| ealize Appliance rtificate eb Certificate | Infrastructure as a Service (IaaS) allows you to rapidly model and provision servers and desktops across private or public, virtual, or hybrid cloud infrastructure. More information about IaaS Installation. | window. |
| nager Service tificate | | |
| lidation | | |
| ate Snapshots | | |
| tallation Details | | |
| censing | | |
| | | |

| Deployment Type | Validation | | |
|-------------------------------------|--|--------------------|-------------------------------|
| Installation Prerequisites | | | |
| Prerequisite Checker | 100% | | |
| vRealize Automation Host | | | Validation completed |
| Single Sign-On | argger are vandaaon. | | |
| laa S Host Microsoft® SQL Server | Host Name \ Instance | Role | Command Status |
| Distributed Execution | vRA-a.example.local\Web Certificate | | Succeeded |
| Managers Agents | vRA-a.example.local (SQL Server: SQL.example.local | Database | Succeeded |
| vRealize Appliance | vRA-a.example.local\Web | Web | Succeeded |
| Certificate Web Certificate | vRA-a.example.local\Manager Service | Manager Service | Succeeded |
| | vRA-a.example.local\DEO | DEO/DEM | Succeeded |
| Manager Service Certificate | vRA-a.example.local\DEM | DEO/DEM | Succeeded |
| Validation | ▶ vRA-a.example.local\vCenter | Agent | Succeeded |
| Create Snapshots | | | |
| Installation Details | Validation has completed successfully. | | |





| 😪 VLAN100 | | | |
|-----------|----------------------|----------------------|------------------|
| | 🤴 Amazon Machine | vSphere Machine | VCloud Air Machi |
| | Deployed second | Deployed first | |
| | • • Amazon_Machi | | ▼ vCloud_Air_Ma |
| | Dependant Machine | Depending Machine | |
| | Dependant | Depending | |

| General IP Range | es | | | | | | | | |
|--------------------|---------------|--------------------|--------------|---------------|-------------|------------------------------|----------|-------------|------------------------|
| *Name: | VLAN 100 | | | | | | | | |
| Description: | External VLAN | | | | | | | | |
| * Subnet mask: | 255.255.255.0 | New Network | k Profi | e - Extern | nal | | | | |
| Gateway: | 192.168.0.1 | Create a network p | profile to r | nanage range | s of static | Pv4 network addresses. | | | |
| | | General IP R | anges | | | | | | |
| DNS/WINS | | | | | | | | | |
| Primary DNS: | 192.168.0.254 | IPv4 ranges: | 💠 Nev | v | | | | | |
| Secondary DNS: | | | | Name | | Description | Start IP | | End IP |
| | | | / x | IPRange-Exa | mple | | 192.168 | 3.0.2 | 192.168.0.250 |
| DNS suffix: | example.local | ID addresses | | | | | | | |
| ONS search suffix: | example.local | IP addresses: | | | | | | | |
| Preferred WIN S: | | | | IP Address | Machine | Last Modified | | Status | |
| Alternate WIN S: | | | | | | | × | A | |
| | | | | 192.168.0.2 | | 7/11/2016 10:44 AM UTC+02:00 | | Unallocated | |
| | | | | 192.168.0.2 | | 7/11/2016 10:44 AM UTC+02:00 | | Unallocated | |
| | | | | 192.168.0.4 | | 7/11/2016 10:44 AM UTC+02:00 | | Unallocated | |
| | | | | 192.168.0.5 | | 7/11/2016 10:44 AM UTC+02:00 | | Unallocated | |
| | | | | 192.168.0.6 | | 7/11/2016 10:44 AM UTC+02:00 | | Unallocated | |
| | | | | 192.168.0.7 | | 7/11/2016 10:44 AM UTC+02:00 | | Unallocated | |
| | | | | 192.168.0.8 | | 7/11/2016 10:44 AM UTC+02:00 | | Unallocated | |
| | | | | 192.168.0.9 | | 7/11/2016 10:44 AM UTC+02:00 | | Unallocated | |
| | | | | 192.168.0.10 | | 7/11/2016 10:44 AM UTC+02:00 | | Unallocated | |
| | | | | 192,168.0.11 | | 7/11/2016 10:44 AM UTC+02:00 | | Unallocated | |
| | | | | 192.168.0.12 | | 7/11/2016 10:44 AM UTC+02:00 | | Unallocated | |
| | | | | 192.168.0.13 | | 7/11/2016 10:44 AM UTC+02:00 | | Unallocated | |
| | | | | 192.168.0.14 | | 7/11/2016 10:44 AM UTC+02:00 | | Unallocated | |
| | | | | 192.168.0.15 | | 7/11/2016 10:44 AM UTC+02:00 | | Unallocated | |
| | | | | 192.168.0.16 | | 7/11/2016 10:44 AM UTC+02:00 | | Unallocated | |
| | | | | 192.168.0.17 | | 7/11/2016 10:44 AM UTC+02:00 | | Unallocated | |
| | | | | 192,168.0.18 | | 7/11/2016 10:44 AM UTC+02:00 | | Unallocated | |
| | | | | 192.168.0.19 | | 7/11/2016 10:44 AM UTC+02:00 | | Unallocated | |
| | | | | 192.168.0.20 | | 7/11/2016 10:44 AM UTC+02:00 | | Unallocated | |
| | | | | 192.168.0.21 | | 7/11/2016 10:44 AM UTC+02:00 | | Unallocated | |
| | | | | 192.168.0.22 | | 7/11/2016 10:44 AM UTC+02:00 | | Unallocated | |
| | | | | 192.168.0.23 | | 7/11/2016 10:44 AM UTC+02:00 | | Unallocated | |
| | | | | 192.168.0.24 | | 7/11/2016 10:44 AM UTC+02:00 | | Unallocated | |
| | | | | 192.168.0.25 | | 7/11/2016 10:44 AM UTC+02:00 | | Unallocated | |
| | | | | 192.168.0.26 | | 7/11/2016 10:44 AM UTC+02:00 | | Unallocated | |
| | | | 14 4 | Page 1 | of 10 | ▶ H | | | Displaying 1 - 25 of 2 |
| | | | | | | | | | |

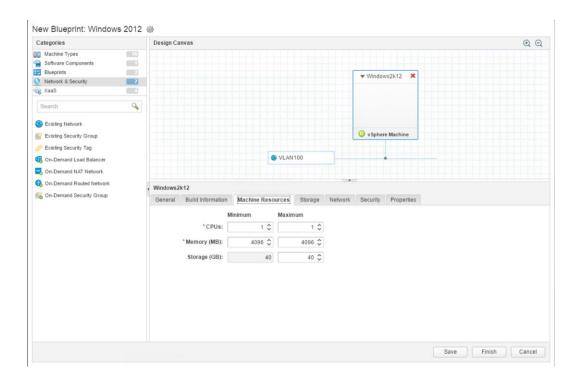
Edit Reservation - vSphere

Change settings in a listed reservation.

| General | Resources | N | etwork | Properties | Alerts | | | | |
|---|--------------------------------|---|--------|------------|--------|---|--|---------|---|
| *Network: Map a network path to a network profile 🚯 | | | | | | | | | |
| | Network Path Network Profile | | | | | | | | |
| | Vpg-Payload-56-Compute-VLAN100 | | | | |) | | VLAN100 | ~ |

| *Name: | Example_Backup | | | | | | |
|----------------|---|----------------------------------|-------------|--------|--|--|--|
| | To avoid conflict with vRealize Automation properties, use a prefix such as a company or feature name followed by a dot for all custom property names. | | | | | | |
| * Label: | Example_Backup | | | | | | |
| | | | | | | | |
| Visibility: | ⊚ All te | ants | This tenant | | | | |
| Description: | Choose | Choose a Backup retention policy | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Order index: | | | | * * | | | |
| | | | | ~ | | | |
| * Data type: | String | | | * | | | |
| *Required: | Yes | | | ¥ | | | |
| | | | | | | | |
| * Display | advice: | Dropdown | | ~ | | | |
| | | | | | | | |
| ŕ | Values: | Predefined values | | | | | |
| | | External values | | | | | |
| Eachle and the | | | | | | | |
| Enable custom | values: | | | | | | |
| Predefined | values: | 🕂 New 🥒 Edit 🛛 🗙 | Delete | | | | |
| | | Name | Value | | | | |
| | | 1 Month | 1month | | | | |
| | | 3 Month | 3month | | | | |
| | | 1 Year | 1year | | | | |
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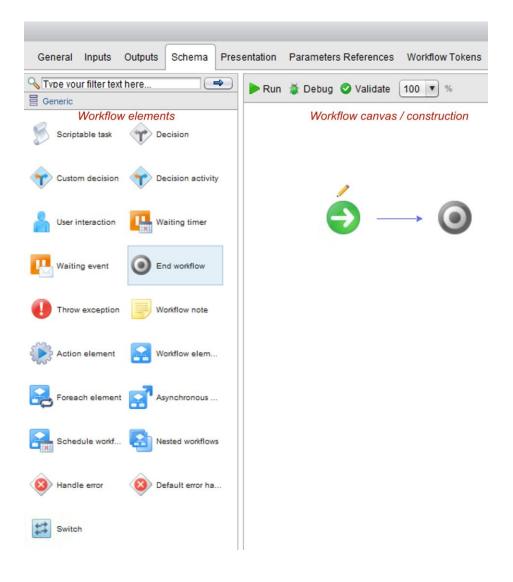
| New Bluepri | int | | |
|-------------|--------------|----------------|--|
| General | NSX Settings | Properties | |
| | | *Name: | Windows 2012 |
| | | * ID: | Windows2012 |
| | | | Assign a permanent, unique ID to this blueprint. |
| | | Description: | Windows 2012 Machine deployment |
| | | | |
| | * A | rchive (days): | 0 🗘 🚯 |
| | | | Minimum Maximum |
| | | Lease (days): | 1 🗘 7 🗘 |
| | | | |
| | | | OK Cancel |



Configure Catalog Item

| General | Entitlements | | | |
|---------|---------------|-------------------|------------------------|-------------------|
| | Name: | Windows 2012 | | |
| | Source: | Blueprint Service | 9 | |
| R | esource type: | Deployment | | |
| | Description: | Windows 2012 | Machine deployment | |
| | Icon: | windows-serve | Browse | |
| | | Recommended | size: 100 x 100 pixels | |
| | Preview | List view | Catalog view | Detail view |
| | | Fran | Windows Server | |
| | | | | Windows Server |
| | Status: | Active | | Y |
| | Quota: | Unlimited | | ÷ |
| | Service: | laaS | | Y |
| | | New and no | oteworthy | |

Chapter 6: vRealize Orchestrator

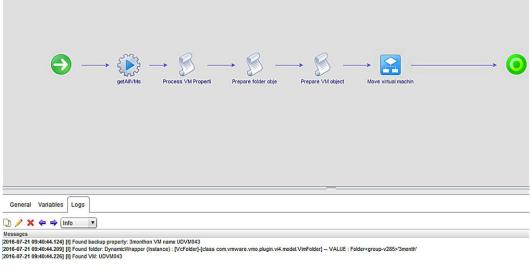


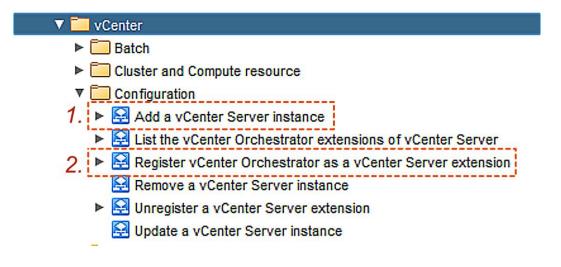
| Info IN OUT Exception Visual Binding Scripting getAIVMs Output parameter 'actionResult' Secondation Local Parameter Source parameter actionResult Image: Create parameter 'actionResult' ActionResult Image: Create parameter 'actionResult' Description Image: Create parameter 'actionResult' Image: Create parameter 'actionResult' Image: Create parameter 'actionResult' Image: Create workflow ATTRBUTE with the same name Image: Create workflow ATTRBUTE with the same name Image: Create workflow ATTRBUTE with the same name Image: Create workflow ATTRBUTE with the same name Value - Image: Not set Value - Image: Not set Value - Image: Not set | o VMware v | O Chooser | × |
|--|--|--|--------|
| Local Parameter Source parameter 2 Create parameteridatibute in woldlow 3 elements found. Filter : Clear actionResult Create parameteridatibute in woldlow Create parameteridatibute in woldlow 3 elements found. Filter : Clear Parameter information 3. Itame - all/VA all/VA Description - Image: second sec | Info IN OUT Exception Visual Binding Scripting | Output parameter 'actionResult' | |
| Create parameter Parameter information 3. Nome - allVM Description - Type - Type - 1 element found, Filter: Create - Create workflow OUTPUT PARAMETER with the same name 4. O Create workflow OUTPUT PARAMETER with the same name 4. O Create workflow OUTPUT PARAMETER with the same name 14. O Create workflow OUTPUT PARAMETER with the same name Value - Not set | | Create parameter/attribute in workflow 3 elements found. Filter : | Clear |
| 3. Name - all/M Description - Type - Array Of · Type VC.VirtualMachine VC.VirtualMachine Generate - Create workflow QUITPUT PARAMETER with the same name 4. Orace workflow QUITPUT PARAMETER with the same name Value - Not set | actionResult 1. not set | Create parameter | |
| 3. Name allVM Description | | Parameter information | |
| | | 3. Itame - allVM Description - Type ○ - Array Of ○ Type VC.VirtualMachine Create - ○ Create workflow OUTPUT PARAMETER with the same name 4. ⓒ Create workflow OUTPUT PARAMETER with the same name R | Select |

| Ő | | VMware vRealize Orchestrator |
|-----------------------|--------------------------|------------------------------|
| Info IN OUT Exception | Visual Binding Scripting | |
| 2 ^{1.} 85 🗶 | | |
| Local Parameter | Source parameter | Туре |
| machine 2. | 4,machine [in-parameter] | 3. string |
| 100000000 | | |
| | | |
| | | |
| | | |

| Name: | Backup | 3, * Display advice: | Dropdown | |
|--------------|------------------------------------|-----------------------|--------------------|------------------|
| /. *Label: | Backup retention | * Values: | Predefined values | |
| Visibility: | This tenant | - | © External values | |
| Description: | Define the backup retention policy | Enable custom values: | | |
| | | Predefined values: | 💠 New 🥒 Edit 🗙 | Delete |
| | | | Name | Value |
| Order index: | | 4. | 1 Month 3 Month | 1month 3month |
| | | 1 4. | 1 Year | 1year |
| *Data type: | String ~ | L. | | |
| *Required: | No ~ | | | |
| | | 2 | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| | | | | | ▼ Wind | ows2012R2X | |
|---------------------|-----------------------------|------------------|-------------|---------------|------------|------------|-------------|
| Windows2 General | 2012R2 Build Information | Machine Resource | ces Storage | Network | Security P | roperties | |
| Property | Groups Custon | n Properties | | | | | |
| 250 000 | w 🥒 Edit 🗙 De | lete | | | | Frenchad | Queritatia |
| Name | | | | ▼ V sioned | alue | Encrypted | Overridable |



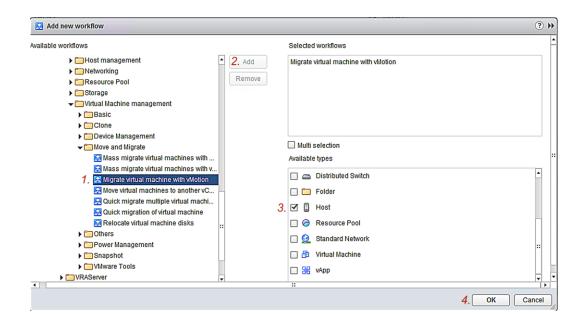


Home

Managed Object Type: ManagedObjectReference:ExtensionManager Managed Object ID: ExtensionManager

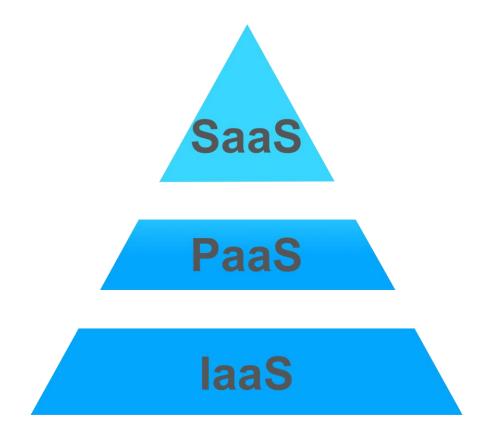
Properties

| NAME | түре | VALUE | |
|---------------|-------------|--|-----------|
| extensionList | Extension[] | extensionList["com.vmware.vim.inventoryservice"] | Extension |
| | | extensionList["com.vmware.vim.ls"] | Extension |
| | | extensionList["com.vmware.vim.sms"] | Extension |
| | | extensionList["com.vmware.vim.sps"] | Extension |
| | | extensionList["com.vmware.vim.stats.report"] | Extension |
| | | extensionList["com.vmware.vim.vsm"] | Extension |
| | | extensionList["hostdiag"] | Extension |
| | | extensionList["VirtualCenter"] | Extension |
| | | extensionList["com.hds.ucp"] | Extension |
| | | extensionList["com.vmware.cl"] | Extension |
| | | extensionList["com.vmware.rbd"] | Extension |
| | | extensionList["com.vmware.syslog"] | Extension |
| | | extensionList["com.vmware.vco"] | Extension |
| | | extensionList["com.vmware.vcops"] | Extension |
| | | extensionList["com.vmware.vdc"] | Extension |
| | | extensionList["com.vmware.vim.eam"] | Extension |
| | | extensionList["com.vmware.vsan.health"] | Extension |
| | | extensionList["com.vmware.vsan.mgmt"] | Extension |
| | | extensionList["com.vmware.vShieldManager"] | Extension |
| | | (less) | |



| UC UC NS NS NS NS NS NS NS NS | 2 20 20 | Actions - ucpdemo1.ucpdemo.local New Virtual Machine New vApp New Resource Pool Deploy OVF Template Connection Maintenance Mode Power | • • • • | | NICs: Virtual Machines: State: Uptime: | 4 0 Connected 34 days | |
|--|---------------|--|----------|------------|---|--------------------------------|---------|
| - 1 | | Certificates | • | ware | | | |
| - 1 | | Storage | • | | | | |
| | 2 | Add Networking Add Diagnostic Partition | | ag | Category This list is empty. | Description | CI |
| - 1 | | Host Profiles | • | | | | |
| - 1 | | Edit Default VM Compatibility | | | | | • |
| - 1 | | Export System Logs | | | | | |
| | 2 | Reconfigure for vSphere HA Assign License | | | | Assign Rei | move |
| - 1 | | Settings | | | | | |
| 4 | | Move To Tags & Custom Attributes | , | Profile Co | ompliance | | |
| Task | | Add Permission Alarms | • | s | | Initiator | |
| tual m | | Remove from Inventory | | Complete | ed | UCPDEMO | \\ucpad |
| tual m | | Disassociate Host | | Complete | | UCPDEMO | |
| te virti | | All Hitachi Unified Compute Platform Directo. | <u>.</u> | Complete | | ucpadmin(| |
| tual m | | All vRealize Orchestrator Actions | • | 😫 Mass | s migrate virtual ma | chines with vM | otion |

Chapter 7: Service Catalog Creation



| < Administration | Create, edit, publish, and manage services. | |
|------------------|---|-------------------------------------|
| Services | 🕂 New 📄 View Details 🖺 Copy 🗙 Delete | 🚺 Activate 🛛 🚑 Manage Catalog Items |
| | Name 🔺 | Status |
| Catalog Items | Applications | Active |
| | Directory Services | Active |
| Actions | laaS | Active |
| | vRA Configuration | Inactive |
| Entitlements | | |

| < Administration | New Service |
|------------------|--|
| Services | *Name: Business Applications |
| Catalog Items | Description: This service catalog contains multiple different business applications |
| Actions | Icon: Software.jpg Browse |
| Entitlements | Preview: |
| | Status: Active |
| | Hours: 🗸 GMT+02:00 to 🗸 GMT+02:00 🗊 |
| | Owner: AdministratorGroup |
| | Support Team: SuportAdmins 🔍 0 |
| | Change Window: 🗸 🗸 GMT+02:00 to 🗸 GMT+02:00 🕦 |
| | |

| Administration | Configur | e Catalog | Item | | |
|----------------|----------|----------------|---------------|-------------------------|-------------------|
| Services | General | Entitlements | | | |
| Services | | Name: | Windows 20 | 12 | |
| catalog Items | | Source: | Blueprint Ser | rvice | |
| ctions | F | Resource type: | Deployment | | |
| intitlements | | Description: | Windows 20 | 12 Machine deployme | nt |
| | | Icon: | | Browse | |
| | | | Recommend | ded size: 100 x 100 pix | els |
| | | Preview | List view | Catalog view | Detail view |
| | | | | Windows Server | |
| | | | | | Windows Server |
| | | Status: | Active | | ~ |
| | | Quota: | Unlimited | | \$ |
| | | Service: | Business A | pplications | ~ |
| | | | New and | d noteworthy | |

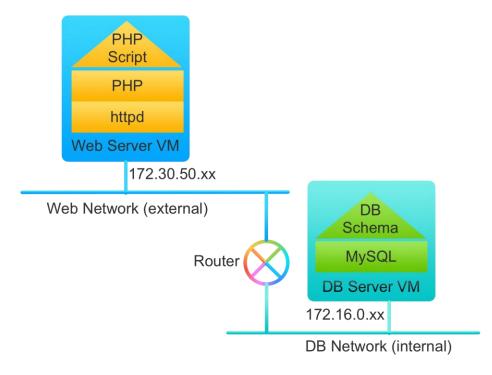
| Services | General Items & Approvals | | |
|---------------|---------------------------|------------------------------------|-------------------------------|
| | | | |
| Catalog Items | *Name: | Business Entitlement | * Users & Groups: Business |
| Actions | Description: | Entitlement for the business users | Name |
| Entitlements | Expiration Date: | | |
| | * Status: | Active 🗸 | 0 |
| | *Business Group: | Business Users 🗸 | |

| Administration | Edit Entitlement | | | | | | | | |
|----------------|-----------------------|--------------------------------|-----------|-------------------|---|---|---------------------------|-------------------------|---------|
| Services | General Items & Appro | wals | | | | | | | |
| Catalog Items | | ned. To apply different level: | s of gove | mance, you can co | tion of actions and blueprint co nfigure individual services, item | | | | |
| Actions | Entitled Services 💠 | | 0 | Entitled Items | <u>۲</u> | 0 | Entitled Actions 💠 | | |
| Actions | Search | | | Search | | | Actions only apply to ite | ms defined in this enti | tlement |
| Entitlements | Name | Approval Policy | | Name | Approval Policy | | Search | | |
| cindementa | Business Applications | (none) | • | | No data selected | | Name | Approval Policy | |
| | laaS | Catalog_tem_Cost_Ap | • | | | | Add a Disk to Server (| (none) | |
| | | | | | | | Associate Floating IP (| (none) | |
| | | | | | | | Cancel Reconfigure (M | (none) | |
| | | | | | | | Change Lease (Deploy | (none) | |
| | | | | | | | Change Lease (Machine) | (none) | |
| | | | | | | | Connect to Remote Co | (none) | |
| | | | | | | | Connect using Console | (none) | • |
| | | | | | | | Connect using ICA (Ma | (none) | • |
| | | | | | | | Connect using RDP (M | (none) | • |
| | | | | | | | Connect using SSH (M | (none) | • |
| | | | | | | | Connect using VMRC (| (none) | • |
| | | | | | | | Connect using Virtual | (none) | • |
| | | | | | | | | | |

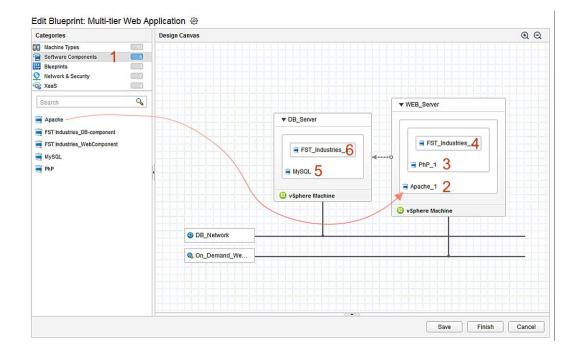
Service Catalog

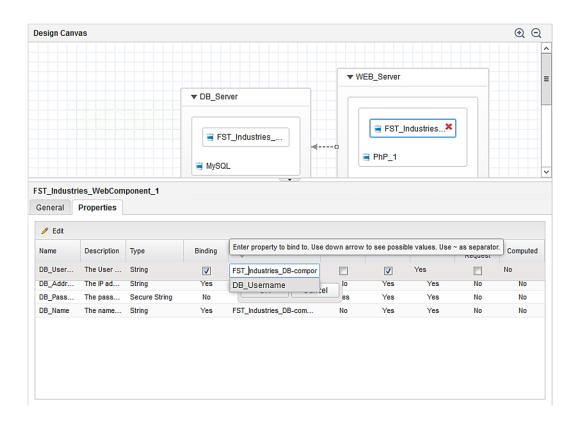
Browse the catalog for services you need.

| All Services | Business Applications (1) |
|-----------------------|---|
| Business Applications | Windows 2012 UcpDemo Windows 2012 Machine |
| laaS | deployment Request |
| | |



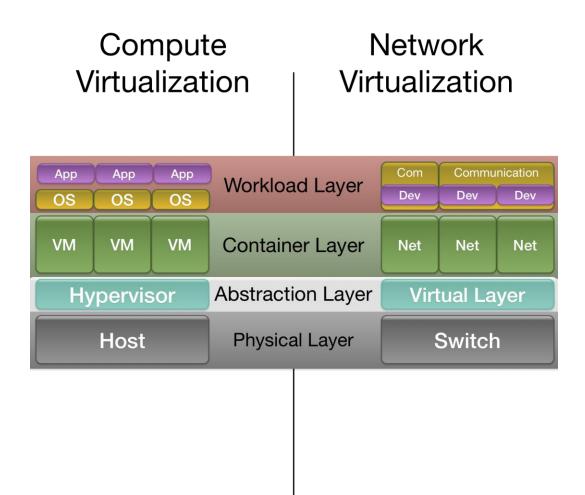
| Blueprints | Software Components |
|---------------------|---|
| | Create and manage software components. You publish so |
| Software Components | 🕂 New 🖋 Edit 🖺 Copy 🍙 Publish 🕚 Unpublish |
| | Name 🔺 |
| XaaS > | Apache |
| | FST Industries_DB-component |
| | FST Industries_WebComponent |
| | MySQL |
| | PhP |
| | |

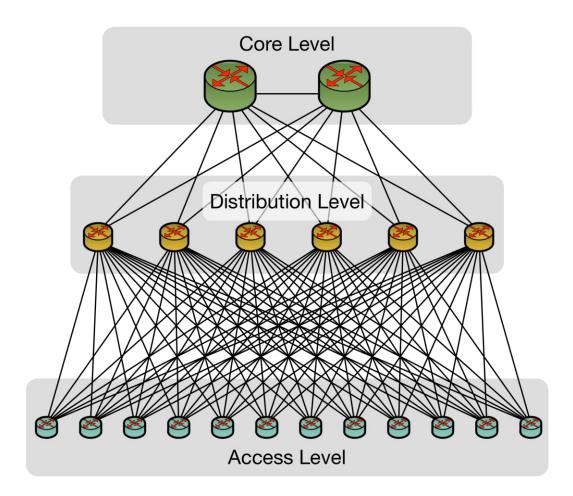


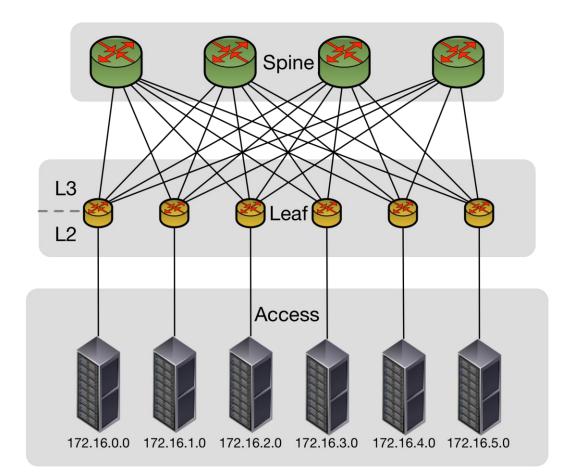


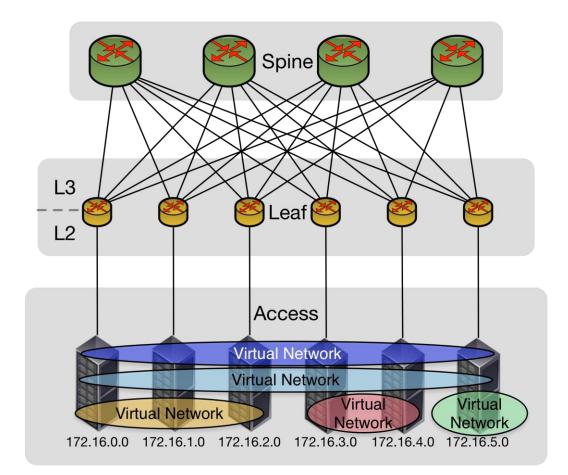
| | Coffigurate FOT Indu | vetries DR semanant |
|----------------------------|----------------------|----------------------|
| Multi-tier Web Application | Software: FST_indu | istries_DB-component |
| ⊿ ⊡ WEB_Server | DB_Username: | dbadmin |
| ⊿ 🏪 Apache_1 | DD Decement | [] |
| ⊿ 🔛 PhP_1 | DB_Password: | ••••• |
| | | ••••• |
| FST_Industrie | | |
| ⊿ i DB_Server | DB_Name: | FST_DB |
| ⊿ 🔛 MySQL | | |
| FST_Industries_D | | |
| | | |
| | 1 | |
| | | |

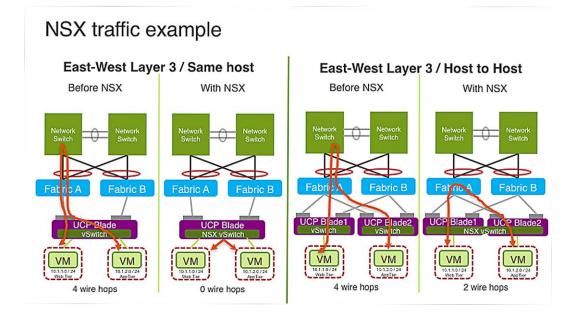
Chapter 8: Network Virtualization using NSX

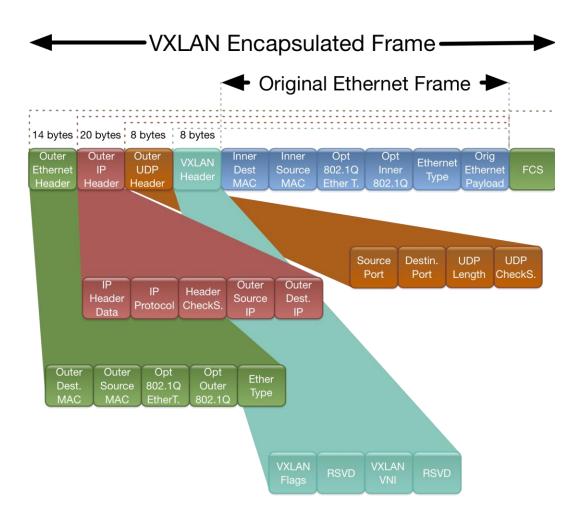




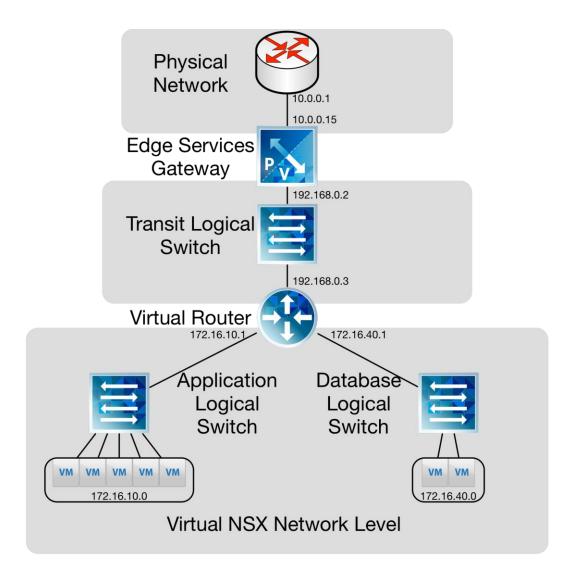




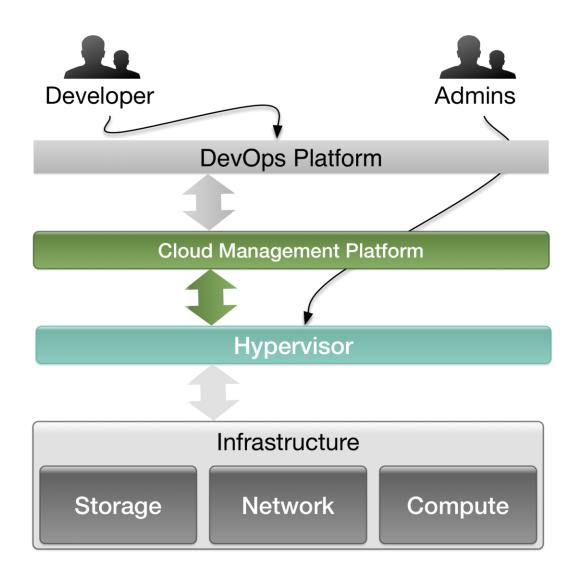




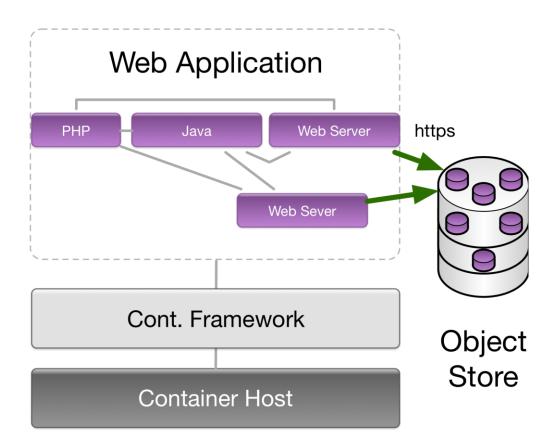


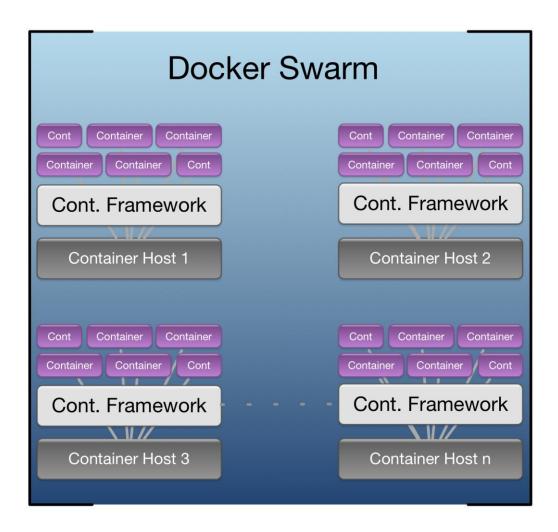


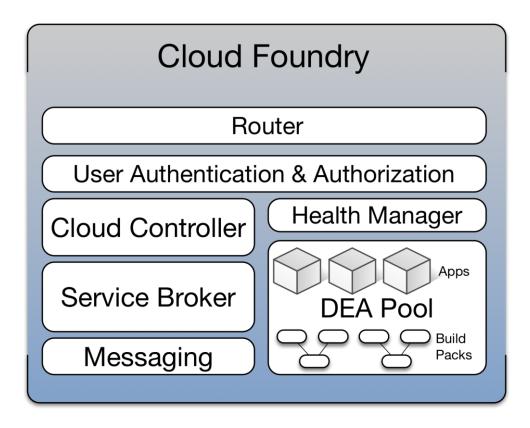
Chapter 9: DevOps Considerations

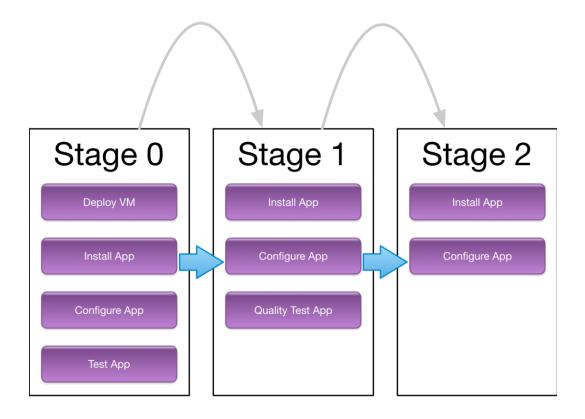


| App App App App | Cont Container Container |
|-----------------|--------------------------|
| VM VM | Container Container Cont |
| Hypervisor | Cont. Framework |
| Hardware | Container Host |
| | |



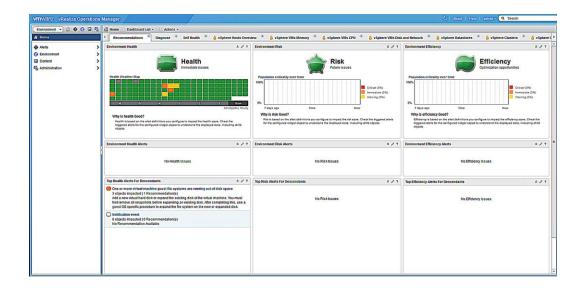


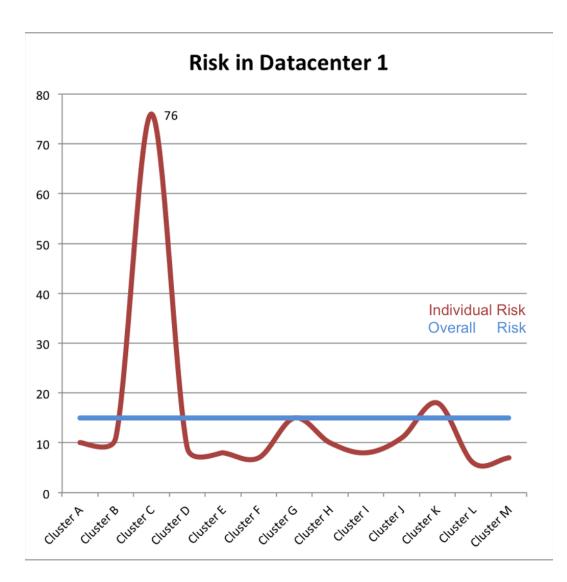


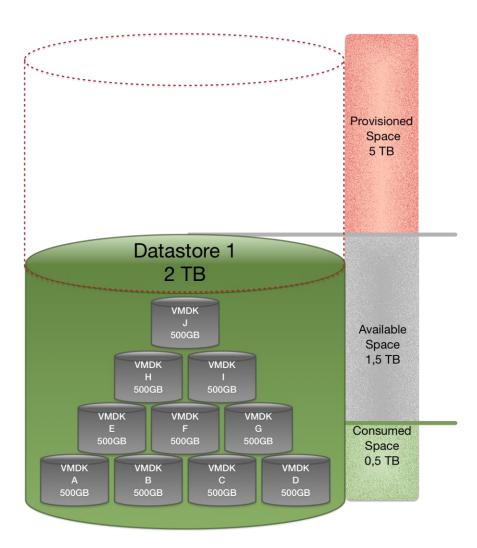


Chapter 10: Capacity Management with vRealize Operations

| Manage Solution - VMware vSphere | | | | | |
|----------------------------------|-------------------------|---------------------------|-----------|-------------------|------------------|
| Adapter Type | Description | | Instances | Version | Provided by |
| vCenter Adapter | Provides the connectio | n information and credent | 1 | 2.0.3774211 | VMware Inc. |
| vCenter Python Actions Adapter | Provides actions for vC | enter objects using Pytho | 0 | 1.0.3774212 | VMware Inc. |
| + ★ | Instance Settings | | | | |
| Instance Name 🔺 | Display Name | vCenter | | | |
| vCenter | Description | VROPs monitored vCenter | | | |
| | Basic Settings | | | | |
| | vCenter Server | vcenter.ucpdemo.local | | | 0 |
| | Credential | vCenter | | - + | / |
| | Test Connection | | | | |
| | | | | | |
| | Advanced Settin | igs | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| I4 4 Page 1 of 1 ▷ ▷I & | | | | Manage Registrati | ons Save Setting |
| | | | | | Close |





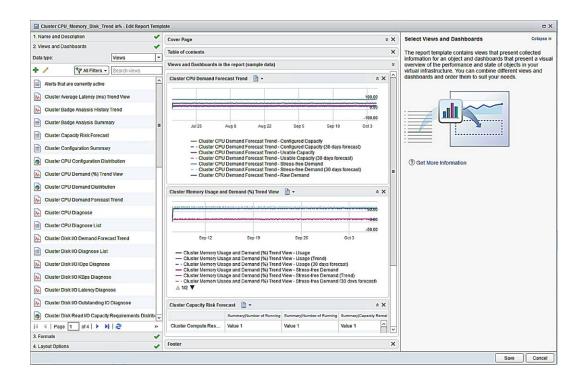


| Workload 🛆 Anomalies 🛛 🖀 Faults 💿 Capacity Remaining 🍏 Time | Remaining Stress | 🗑 Reclaimable | Capacity 🔼 De | nsity 🔚 Corr | pliance | |
|---|--|---------------|----------------------------|---------------------------------|---|---|
| 97 % Used of Usable Capacity 10.35 % HA / Butlers | | | | | | |
| | Total Capacity | Buffers | Usable Capacity | Peak Value | Recommended Size | Remaining |
| CPU | 124.8 GHz Configured | HA (0%) +10% | 112.32 GHz 90% of Total | 19.17% 21.53 GHz Demand | 9 Cores | 80.01 % 89.86 GHz |
| ▶ Demand | 124.8 GHz Configured | HA (0%) +10% | 112.32 GHz 90% of Total | 19.17% 21.53 GHz Demand | 9 Cores | 80.01 % 89.86 GHz |
| Memory | 1,023.75 GB Configured | HA (0%) +10% | 921.38 GB 90% of Total | 16.91% 155.79 GB Demand | 223.13 GB | 78.21 % 720.57 GB |
| r Disk Space | 6.41 TB Configured (Includes overcommit) Overcommit 70.0% | +10% | 5.75 TB 89.65% of Total | 96.89% 5.57 TB Allocation | 6.19 TB | 3.14 % 185.07 GB |
| - Demand | 3.91 TB Configured | +10% | 3.51 TB 90% of Total | 44.46% 1.56 TB Demand | 1.73 TB | 55.62 % 1.95 TB |
| Actual Demand and Calculated Recommended Size | | | | | HA | + Buffer |
| | | | | | Total Capacity Usable Capacity Capacity Remaining Recommended Size Average Demand | 3.91 TB 3.51 TB 1.95 TB 1.73 TB 1.56 TB |
| 30 days ago | | | | | | |
| | 6.41 TB Configured (Includes | +10% | 5.75 TB | 96.89% 5.57 TB | | 3.14 % 185.07 GB |

| | A | | | | | | | | - | | | |
|--|-------------|---------|------------------------------|------|-------------------------------------|----------------|--|--------------------------------|--|---|------------------------------|--|
| Workload | And And | omalies | Faults | Cap: | acity Remaining | Dime Remaining | Stress | Teclaimable | Capacity 🔼 De | nsity 🔚 Comp | liance | |
| 79 | - | No Issu | | | | | | | | | | |
| pacity Rema | ining Bre | akdown | | | | | | | | | | |
| /hat Will Fit | | | | | | | | | | | | |
| 188 Virtual Average F | Profile | | irtual Machi arge Profile | | 6 Virtual Machine Medium Profile | SDDC VM | | rtual Machine nall profile | + | | | |
| • | | | • | | • | | | •) (| | | | |
| | | | | | | | | | | | | |
| 79% Rema | aining Cap | pacity | | | | | | | | Usable Capacity | : 126.36 GHz (67.59 | b) Total: 187. |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
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| | | | , | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | ŗ | | | | Total Capacity | Buffers | Usable Capacity | Peak Value | Recommended | Remain |
| | | | , | | | | Total Capacity | Buffers | Usable Capacity | | Recommended Size | Remain |
| 32.5 % H/ | | | r | | | | 187.2 GHz | | 126.36 GHz | 16.43% | Size | 79.3 |
| 32.5 % H/ | | | r | | | | | Buffers HA (25%) +10% | | 16.43% 20.76 GHz | | 79.3: |
| 32.5 % H/ | | | <u>,</u> | | | | 187.2 GHz Configured | | 126.36 GHz 67.5% of Total | 16.43% | Size | 79.3 100.25 0 |
| 32.5 % H/ | | | | | | | 187.2 GHz Configured 1.5 TB | | 126.36 GHz 67.5% of Total 1.01 TB | 16.43% 20.76 GHz Demand 5.44% 56.4 GB | Size | 79.3 100.25 0 92.9 |
| 32.5 % H/ | | | , | | | | 187.2 GHz Configured 1.5 TB Configured | HA (25%) +10% | 126.36 GHz 67.5% of Total | 16.43% 20.76 GHz Demand 5.44% | Size 30 Cores | 79.3 100.25 0 92.9 |
| 32.5 % H/ | | | , | | | | 187.2 GHz Configured 1.5 TB Configured 7.81 TB | HA (25%) +10% | 126.36 GHz 67.5% of Total 1.01 TB | 16.43% 20.76 GHz Demand 5.44% 56.4 GB | Size 30 Cores | 79.3 100.25 0 92.9 |
| 32.5 % H/ | | | | | | | 187.2 GHz Configured 1.5 TB Configured 7.81 TB Configured | HA (25%) +10% | 126.36 GHz 67.5% of Total 1.01 TB 67.5% of Total | 16.43% 20.76 GHz Demand 5.44% 56.4 GB | Size 30 Cores | 79.3 100.25 0 92.9 963.84 |
| CPU | A / Buffers | | | | | | 187.2 GHz Configured 1.5 TB Configured 7.81 TB Configured (Includes | HA (25%) +10% | 126.36 GHz 67.5% of Total 1.01 TB 67.5% of Total 7.03 TB | 16.43% 20.76 GHz Demand 56.4 GB Demand 11.3% 813.48 GB | Size 30 Cores | 79.3: 100.25 0 92.9: 963.84 96.84 |
| 32.5 % H/ CPU Memory | A / Buffers | | | | | | 187.2 GHz Configured 1.5 TB Configured 7.81 TB Configured (Includes overcommit) | HA (25%) +10% HA (25%) +10% | 126.36 GHz 67.5% of Total 1.01 TB 67.5% of Total | 16.43% 20.76 GHz Demand 5.44% 56.4 GB Demand 11.3% | Size 30 Cores 464.7 GB | 79.3: 100.25 0 92.9: 963.84 96.84 |
| CPU | A / Buffers | | , | | | | 187.2 GHz Configured 1.5 TB Configured 7.81 TB Configured (Includes | HA (25%) +10% HA (25%) +10% | 126.36 GHz 67.5% of Total 1.01 TB 67.5% of Total 7.03 TB | 16.43% 20.76 GHz Demand 56.4 GB Demand 11.3% 813.48 GB | Size 30 Cores 464.7 GB | 79.3: 100.25 0 92.9: 963.84 96.84 |
| 21 % Use 32.5 % H/ CPU Memory Disk Space | A / Buffers | | r | | | | 187.2 GHz Configured 1.5 TB Configured 7.81 TB Configured (Includes overcommit) Overcommit 0.0% | HA (25%) +10% HA (25%) +10% | 126.36 GHz 67.5% of Total 1.01 TB 67.5% of Total 7.03 TB 90% of Total | 16.43% 20.76 GHz Demand 56.4 GB Demand 11.3% 813.48 GB | Size 30 Cores 464.7 GB | Remaini 79.33 100.25 G 963.84 (965.84 6.81 |
| 32.5 % H/ CPU Memory | A / Buffers | | , | | | | 187.2 GHz Configured 1.5 TB Configured 7.81 TB Configured (Includes overcommit) Overcommit | HA (25%) +10% HA (25%) +10% | 126.36 GHz 67.5% of Total 1.01 TB 67.5% of Total 7.03 TB | 16.43% 20.76 GHz Demand 5.44% 56.4 GB Demand 11.3% 813.48 GB Allocation | Size 30 Cores 464.7 GB | 79.3: 100.25 0 92.9: 963.84 96.84 |

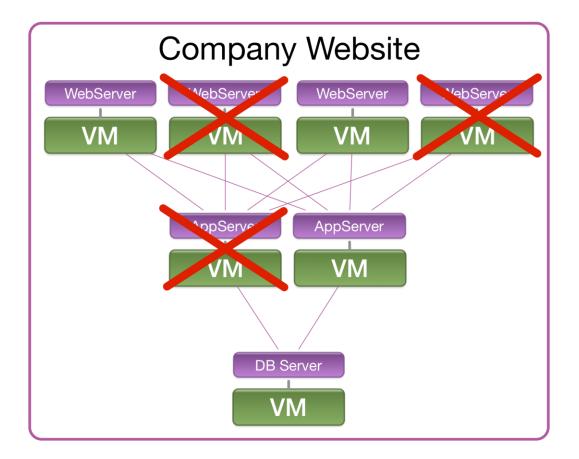
| Workload | Anomalies | Faults 😑 Capacity Remaining | ime Remaining 🛛 🖉 Stress 🦳 Reclaimable | e Capacity 🙆 Density 🖶 Comp | liance | |
|-------------|---------------------------|--|--|--|---|-----------|
| 100 | Good: No Issu | | | | | |
| Time Remain | ing Breakdown | | | | | |
| 100% - | | | | | | |
| 100% - | | | | | | |
| 50% - | | | | | | |
| | | | | | | |
| 0% - | | T. | 1 | r | | |
| Now | | 90 days | 180 days | 270 days | | |
| | | CPU>1yr Me | nory >1yr Disk Space >1yr VSphere Configur | ration Limit >1yr | | |
| | | | | Usable Capacity | Stress Free Value | Time Rema |
| + CPU | | | | 112.32 GHz Configured | 22.46 GHz 19.99 % of Total | |
| | | | | 921.38 GB | 201.02 GB | |
| ✓ Memory | | | | Configured | 21.82 % of Total | |
| - Cor | nsumed | | | 921.38 GB Configured | 201.02 GB 21.82 % of Total | |
| | | | | Comgueu | 21.02 % 01 10(a) | |
| | Demand VS. Usable (| Capacity: Last 12 weeks with a year's forecast | | | | |
| | - | | | | | - |
| | | | | The second s | | |
| | 10 wasks and | Now | | | t waar from a | |
| | 12 weeks ago | | | 3.51 TB | 1 year from r 1.56 TB | IOW |
| | | | | Configured | 44.39 % of Total | |
| ▶ Disk Spa | ce | | | | | |
| | | | | 2,048 Virtual | 23.2 Virtual | |
| | ce Configuration Limit | | | | 23.2 Virtual Machines 1.13 % of Total | |

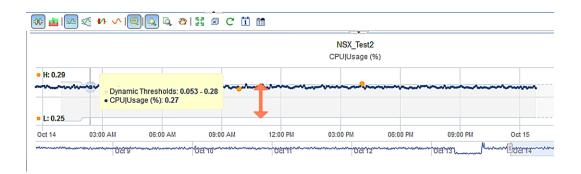
| QA Development - Edit Project for Payload | , |
|---|---|
| 1. Name and Description | 💱 🔍 🤣 🖾 🗸 Capacity Container: Most Constrained 🔽 |
| 2. Scenarios | Disk Space Demand |
| Object | 200 % |
| Payload | 20 % |
| Add Capacity | Disk Space Demand Disk Space Demand 300 % 0 260 % 0 300 % 0 |
| add percentage of capacity | 100 % |
| add Host System | 50 X - |
| add Datastore | 0 % |
| Change Capacity | |
| change absolute capacity | CAPACITY -+ History -+ Trend with projects DEMAND -> History -+ Trend with projects I shortfall |
| Remove Capacity | |
| remove percentage of capacity | 1.1 Database VMs 10/14/16 X General 12:00 AM Sciencial Name: Web Sever VMs |
| remove selected object | 12 Application Server VMs 10/14/16 X |
| Add Demand | 12.00 /01 |
| add percentage of demand | 13 Web Server Vilas 10/14/16 X 12:00 AM |
| add Virtual Machine | Implementation Date: 10114/16 1 12:00 AM Y |
| Change Demand | Object: Payload |
| change absolute demand | Changes |
| Remove Demand | Add 100 + Virtual Machine based on: Populate metrics from |
| remove percentage of demand | Metrics |
| remove selected object | Memory (Consumed): 2.5 GB 🔻 |
| | Memon(Host): 0 KB 💌 |
| | Memory - Allocation model: 4 GB 💌 📃 |
| | CPU: 0 MHz T |
| | CPU - Allocation model: 2 vCPUs |
| | Disk Space - Allocation model: 100 GB 🔻 |
| | Diskspace - Total usage: 60 GB V V |
| | Save project and continue editing |
| | Save |
| | |



| Schedule Test | | | | | | | × |
|---|---|---|-------------------------|-------------------------|-------------|--------|--------|
| 1 Select an Object 2 Define Schedule | Define Schedule Set the recurrence and Recurrence Time zone: | publishing criteria for (GMT +01:00) Amste | | • | | | |
| | Start hour: | 8:00 AM | • | | | | |
| | Start date: Recurrence: | 10/07/16 Weekly | | | | | |
| | | Every 1 🐳 we | eks on: | | | | |
| | | Sunday | Monday | Tuesday | 🗌 Wednesday | | |
| | | Thursday | 🗌 Friday | Saturday | | | |
| | - Publishing | | | | | | |
| | Email report | | | | | | |
| | Email addresses: | | | | | | |
| | Select an outbound rule: | webmail | * | | | | |
| | 🔥 There are no ex | ternal locations define | ed, click here to confi | gure a new external loc | cation. | | |
| | Save to external | location | | | | | |
| | Select a location: | Select | ~ | | | | |
| | Relative Path: | Import relative path to | o upload. | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | В | ack Next | Finish | Cancel |
| | | | | | | | |

Chapter 11: Troubleshooting and Monitoring





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| | | | | | vReal | lize Operation: | NSX_Tes s Generated | t 1 d Self - Total Ar | nomalies | | | | |
|--------|----------|-------|----------|------------------------------------|--------|-----------------|------------------------|---------------------------------|----------|----------|--------|----------|-------|
| • H: 2 | 3 | | | | | | | • | | | | | |
| • L: 9 | | | | • vRealize Op • Noise Line: | | enerated Self- | Total Anom | nalies: 9 🍧 | | | · | <u>^</u> | |
| 1 | 12:00 PM | Oct 9 | 12:00 P? | 12:00 PM | Oct 11 | 12:00 PM | Oct 12 | 12:00 PM | Oct 13 | 12:00 PM | Oct 14 | 12:00 PM | Oct 1 |

| | | Actio | ns: |
|-------------------|----------------------------------|-----------|--|
| General Storage | Network Properties Snapshots | | Connect to Remote Co |
| Name: | UDVM173 | ÷ | Connect using RDP |
| Component: | Windows2012R2 | ÷ | Connect using VMRC |
| Status: | Qn | 1 | Create Snapshot |
| | | 0 | Destroy |
| CPUs: | 1 | | Get Expiration Reminder |
| Memory (MB): | 4096 | | Install Tools |
| Storage (GB): | 40 | S S | Power Cycle |
| | | | Power Off |
| Description: | | | Reboot |
| | | 1 | Reconfigure |
| | | P1 | Reprovision |
| Owner: | configurationadmin@vsphere.local | | Shutdown |
| Blueprint: | Virtual Machine - Windows | <u>(</u> | Suspend |
| Compute resource: | Payload | | |
| Business group: | UcpDemo | | |
| | | | rrent Health |
| | | Go | |
| | | item | health of this i is normal. No ntion required. |
| 1 | | | |



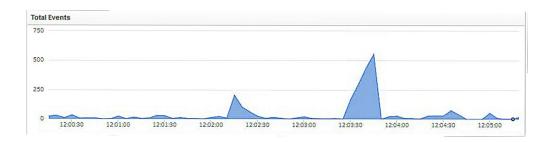
ts Field Table Event Types Event Trends 1 to 50 out of 12,692,662 events View - Sort: Newest First -11:02:10 dct 21 11:02:21 yrg voc: cl40681-b81-6aa-e85-b6ac20adf0 prio:DM10 thread-http-sio-0.0.0.4-0230-ese-0 context: token: encloken: wf: wfid: user: cat.Service_linux mg:Starting: [/ur/bin/udo, /etc/init.d/von-server, status] 222111 source even(type totalman appanen vim_ym_ym/mf vim_ym/mf 161621 Oct 21 11:82:21 ver von citilaal-bibl-laas-add-biblc2bacf0 prin INV thread-http-sio-8.0.8-4221-ese-4 context: token: activen: wir wird, user: cat.daaltalenlipsi.mg.504L token for SubjectNeedd (value-upaktinhopdem.local, 2221425 forrachttp://cleas.usloop.org/clais/M/D succestfully parter fram Elevent source every_nopsees wird_w_nopsees wird_w_nopseess wird_w_nopseesss wird_w_nopseesss wird_w_nopseesss wird_w_nopseesss wird_w_no 161621 Oct 21 11:42:21 Vrs voc. cl48a81-bb1-4aa-w59-b8627a549 prio-10V Urreshttp-sio-8.0.8-4281-exc-4 context: token: wf: wfid: user: cst.SaalTokenTapl.mg;SAML token for SubjectNameId [value-uspathinhopdemo.local, 223141 formachtfp://comes.subape.org/claim/MP] successfully parter fram Elsent source environment of the source envi 10-1521 Qrf 21 11-82.21 Yrs von; clifikki-liki-kas-add-blat2/bcf/9 print/90 thread-http-sic-8.8.6.4-821-once-4 context: taken: wri wrist; user: cat:SaulTakanlingt mg; SML taken for SabjectNameId (value-upshtinhupdems.local, 2023) forma-http://cleans.axisspo.org/clisis/PGT successfully arrange mm; m__muthprime mov__muthprime mov__muthp 01211 (11) VP voc. cli[ddf=hb]=4aa-ad5-blac2bac2b prior100 threat takeLifetiadHuitoSdedul=1 context: takes: wrise incloses: vf: vfid: user: cst.SalToketLifetiadErvice mg_Remeding of accurity takes activated for 0 takes expiring 012224 between 3014-04 D1 Bac3b 201 and 2014-04 D1 D1 Bac3b 2014 and 2014

16-10-21 Oct 21 11:00:00 yro vco: cl41fa88-1b18-4aaa-ae59-3e8ac27ac5f0 prio:1NV0 thread vco5ystemTaakScheduler-3 context: token: anctoken: wf: wfid: user: cat:PurgeLogEventAdaptor mg:

🕂 Add Filter

Show all hidden lines

| | Show all hidden lines |
|---------------------------|--|
| 2016-10-21 11:44:24.857 | [UTC:2016-10-21 09:44:20 Local:2016-10-21 11:44] [Debug]: [sub-thread-Id="14" context |
| 2016-10-21 11:44:25.578 | Oct 21 09:44:25 nsx 2016-10-21 09:44:25.577 GMT INFO edgeVseMonitoringThread EdgeVseH |
| 2016-10-21 11:44:27.173 | 2016-10-21T09:44:23.654Z VRA-DEM vcac: [component="iaas:DynamicOps.DEM.exe" priority=" |
| | ApplicationID="c4e64999-0fd7-4721-b199-47a3252c3d20" StartTime="Fri, 21 Oct 2016 09:44 |
| 2016-10-21 11:44:27.173 | 2016-10-21T09:44:26.186Z VRA-DEM vcac: [component="iaas:DynamicOps.DEM.exe" priority=" |
| | ApplicationID="c4e64999-0fd7-4721-b199-47a3252c3d20" EndTime="Fri, 21 Oct 2016 09:44:2 |
| 2016-10-21 11:44:27.751 | [UTC:2016-10-21 09:44:26 Local:2016-10-21 11:44:26] [Trace]: [sub-thread-Id="14" cont |
| 2016-10-21 11:44:27.751 | [UTC:2016-10-21 09:44:26 Local:2016-10-21 11:44:26] [Trace]: [sub-thread-Id="10" cont |
| 2016-10-21 11:44:27.751 | [UTC:2016-10-21 09:44:26 Local:2016-10-21 11:44:26] [VMware.Cafe]: [sub-thread-Id="14" |
| 2016-10-21 11:44:27.751 | [UTC:2016-10-21 09:44:27 Local:2016-10-21 11:44:27] [VMware.Cafe]: [sub-thread-Id="10" |
| 2016-10-21 11:44:27.751 | [UTC:2016-10-21 09:44:27 Local:2016-10-21 11:44:27] [VMware.Cafe]: [sub-thread-Id="9" |
| | source component context event_type filepath hostname product token vmw_cluster v |
| 2016-10-21 11:44:27.751 | [UTC:2016-10-21 09:44:27 Local:2016-10-21 11:44:27] [Trace]: [sub-thread-Id="9" conte |
| 2016-10-21 11:44:27.751 | [UTC:2016-10-21 09:44:27 Local:2016-10-21 11:44:27] [VMware.Cafe]: [sub-thread-Id="9" |
| ☆ 2016-10-21 11:44:27.751 | [UTC:2016-10-21 09:44:27 Local:2016-10-21 11:44:27] [Trace]: [sub-thread-Id="9" conte |
| 2016-10-21 11:44:28.686 | [UTC:2016-10-21 09:44:24 Local:2016-10-21 11:44:24] [Trace]: [sub-thread-Id="6" conte |
| 2016-10-21 11:44:28.686 | [UTC:2016-10-21 09:44:24 Local:2016-10-21 11:44:24] [Trace]: [sub-thread-Id="6" conte |
| 2016-10-21 11:44:32.402 | Oct 21 11:44:31 UTILITY dhcpd: DHCPDISCOVER from 0c:c4:7a:74:b6:64 via eth0: network 1 |
| 2016-10-21 11:44:32.402 | Oct 21 11:44:31 UTILITY dhcpd: DHCPDISCOVER from 0c:c4:7a:74:b6:64 via eth0: network 1 |
| 2016-10-21 11:44:33.407 | Oct 21 11:44:32 UTILITY dhcpd: DHCPDISCOVER from 0c:c4:7a:71:5c:a0 via eth0: network 1 |
| 2016-10-21 11:44:33.407 | Oct 21 11:44:32 UTILITY dhcpd: DHCPDISCOVER from 0c:c4:7a:71:5c:a0 via eth0: network 1 |
| 2016-10-21 11:44:35.492 | Oct 21 11:44:34 UTILITY dhcpd: DHCPDISCOVER from 0c:c4:7a:74:b6:64 via eth0: network 1 |
| 2016-10-21 11:44:35.492 | Oct 21 11:44:34 UTILITY dhcpd: DHCPDISCOVER from 0c:c4:7a:74:b6:64 via eth0: network 1 |
| 2016-10-21 11:44:36.488 | Oct 21 11:44:35 UTILITY dhcpd: DHCPDISCOVER from 0c:c4:7a:71:5c:a0 via eth0: network 1 |
| 2016-10-21 11:44:36.488 | Oct 21 11:44:35 UTILITY dhcpd: DHCPDISCOVER from 0c:c4:7a:71:5c:a0 via eth0: network 1 |
| 2010-10-21 11:44:30.400 | |
| | |



| New Alert | |
|--|--|
| Name: Notes: B <u>I</u> <u>U</u> P Optional. These notes are included in the notification message when the alert is fired. | |
| Notify: Permail: Email address(es) separated by commas Webhook: URLs separated by spaces Send to vRealize Operations Manager Send Test Alert Raise an alert: On any match Vhen more than v1 matches are found in the last 5 Minutes v Modify the chart to enable group-by and/or aggregation-based alerts. The query will run every 5 minutes and will only alert once for the defined threshold above. | |
| Cancel Save | |

Chapter 12: Continuous Improvement

