cloud networkWise augmenter

network automation for your cloud workloads

what is for?

(general description)

Already deployed your workloads into a Private/Public VMware Cloud and want to bring agility to your network, network services and security? Is your network deployment too slow? Your Cloud is agile but your network team is slugish to deliver?

Face the daily challenges with Cloud NetworkWise Augmenter and solve the following problems:

- **Network configuration for virtual machines (VMs) is time-consuming and slows down rollout?**

  Be more efficient in provisioning networks and IP addresses for VMs, getting self-service style cloud services at a fast pace.

- **Solutions lack visibility and auditing capability for IP addresses and DNS records for VMs?**

  Current solutions do not provide role-based access control, rollback, high availability, backup, or audit tracking. IT needs to know which IP addresses and DNS records were assigned to which VMs at any point in time for security and auditing purposes.

- **IT teams lack centralized IP address and DNS management?**

  With centralized management across the IT infrastructure (multiple datacenters, physical, virtual, and cloud), VM and network management gets less time consuming and expensive and can avoid configuration errors.

- **Cloud orchestration platform native DDI services are incomplete and unreliable?**

  Existing orchestration solutions provide only rudimentary cloud network automation capabilities, lacking high availability, with no central view of DHCP lease information across multiple DHCP server instances and provide very limited DNS and IPAM capability.

Adopt now SDN and try network automation for your cloud workloads with Cloud NetworkWise Augmenter!

what we do?

(actions/ phases/ deliverables)

The deployment of the Cloud NetworkWise Augmenter solution includes the following:

- Implementation and validation of the solution design of a nondistributed installation.
- Installation and configuration of one vRealize Automation identity appliance.
- Installation and configuration of one vRealize Automation Café appliance.
- Installation and configuration of one vRealize Automation IaaS server running web service, manager server, worker/ orchestrator DEMs, and VMware vCenter™ Server™ agents.
- Installation and configuration of vRealize Automation components including configuration of the following:
  - > One vSphere endpoint.
  - > One vRealize Orchestrator endpoint.
  - > One tenant.
  - > One service catalog:
    - One IaaS service definition (group of services) with up to three IaaS blueprints (Windows or Linux using the existing templates in the customer environment).
    - Up to one XaaS service definition (group of services) with up to one catalog item using the Advanced Service Designer:
- Configuration of the vRealize Orchestrator plug-in for Advanced Service Designer.
- Build one service blueprint using built in workflows from the vRealize Orchestrator plug-in.
- Publish the service blueprint to the service catalog.
- Up to two business groups with the following for each business group:
  - > Up to one reservation.
  - > Up to two entitlements.
  - > Up to two approval policies.
  - > Configuration of IP allocation through vRealize Automation with the configuration of up to two network profiles.
- Configuration of native email notifications.
- Installation and configuration of one vRealize Orchestrator external appliance.

Configuration and integration of vRealize Automation with

vRealize Orchestrator:

- Configuration of one sample out-of-the box workflow to demonstrate execution of the vRealize Automation plug-in for vRealize Orchestrator to include managing the orchestration of up to one of the following IaaS machine states through the use of custom properties:
  - Building machine.
  - Machine provisioned.
  - Destroying machine.
- As time and budget allow, we will configure one, or more, of the following three items:
  - Standard Active Directory integration extension.
  - Custom virtual machine host name plug-in.
  - Custom property dictionary controls.

Note: Integrations and extensions are not covered by the VMware Product Support agreement. Support for integrations and extensions might be available through a Custom PS Support offering or directly through Temperfield.

what we use?

(technologies)

vmware NSX

download
vmware-nsx-datasheet
from www.temperfield.com/technologies-index

DATASHEET

adopt a cloud

temperfield
www.temperfield.com

what we provide?

Cloud NetworkWise Augmenter provides you:

(benefits)

- Solution overview presentation
- Architecture Design Documents for productive environment.
- Deployment of the productive environment
- Knowledge Transfer Workshop

ask for more info

adoptacloud@temperfield.com
or at +40 31 432 80 83