

Mastering Data Protection in Azure Stack Hub

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VConnect Resource Provider for Azure Stack Hub

VConnect Resource Provider for Azure Stack Hub

- Cross-cloud resource management solution for Azure Stack Hub
- Resource provider that offers external services as an integrated experience inside Azure Stack Hub portals
- Extends the services available within Azure Stack Hub by integrating with various platforms:
 - Data Protection and Storage Expansion
 - Dell EMC Isilon; Dell EMC Data Domain; Dell EMC NetWorker
 - Cross-cloud VM provisioning and management
 - VMware; System Center; Microsoft Azure; AWS
 - Multi-Stamp Management for Azure Stack Hub

VConnect is the only [Microsoft approved](#) Azure Stack Hub Resource Provider for Dell EMC Isilon and Data Protection Integrations

VConnect Dell Data Protection Integration

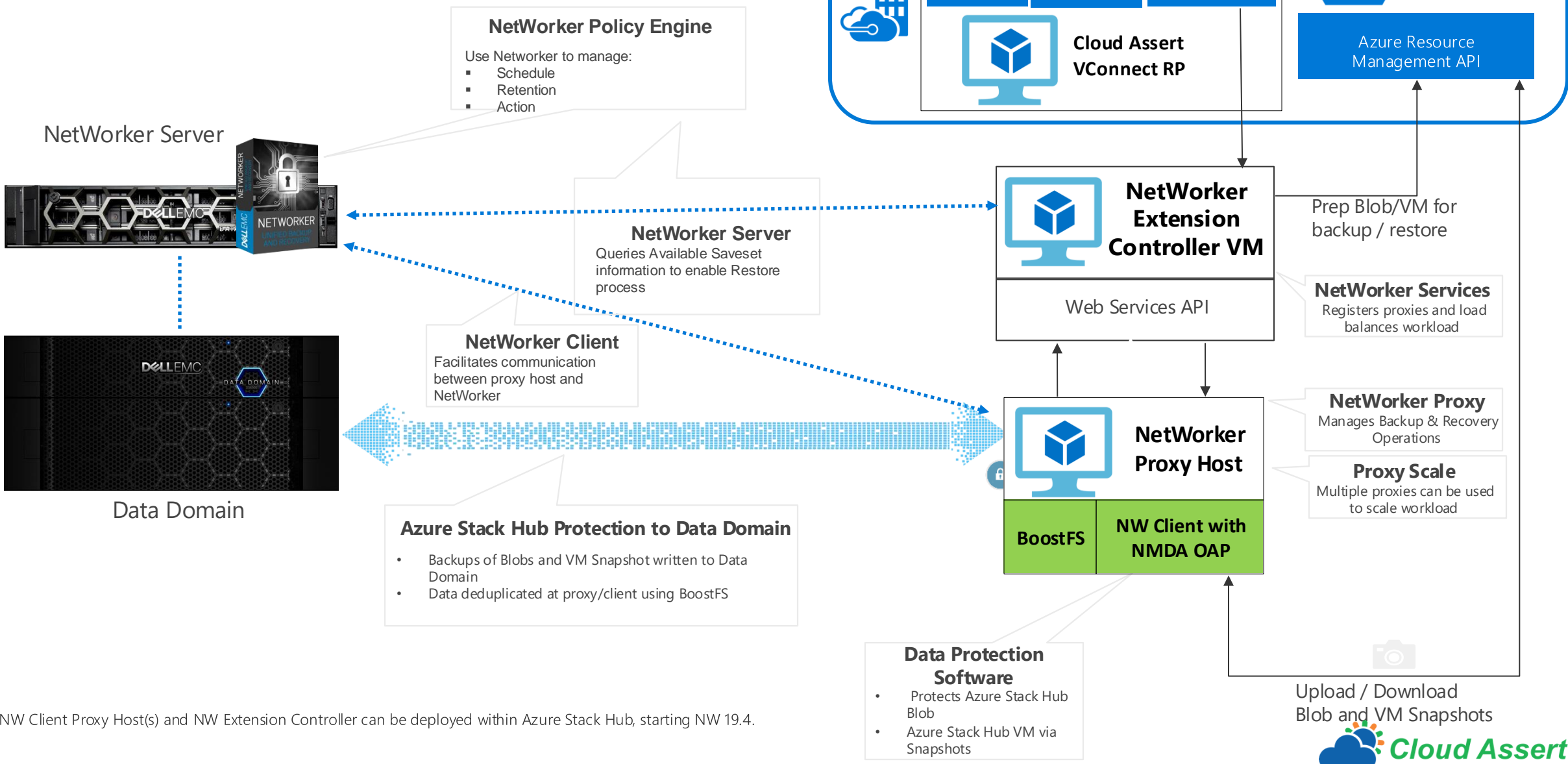
VConnect Dell Data Protection Integration

- [Dell EMC NetWorker](#) is considered legacy and does not support data protection for Azure Stack Hub IaaS VMs and Blobs, even though marketplace images exist for Azure public cloud.
- Data Protection Extension for Dell EMC NetWorker (aka [Dell EMC NetWorker Extension](#)) enables backup and restore of Azure Stack Hub workloads with Data Domain as the backup target device. Agentless backup and restore for Azure Stack Hub VMs and Blobs are achieved using NetWorker Module for Databases and Applications (NMDA) Orchestrated Application Protection (OAP) feature.
- Cloud Assert [VConnect](#) resource provider offers Backup Services for Azure Stack Hub by integrating with [Dell EMC NetWorker Extension](#).
- Dell EMC Data Protection enhances the existing “single-pane of glass” user experience for Azure Stack Hub users consuming Dell EMC NetWorker and Dell EMC Data Domain to enable Backup integration services.

Solution Benefits and Advantages

- **Integrated experience** within Azure Stack Hub portal for Admin and Tenant users
- **Self-service** portal experience for Tenant users eases the workload on Admins to manage data protection
- **Enables users** to provision, manage and protect their Azure Stack Hub resources
- Tenant users are **abstracted** from underlying NetWorker and Data Domain infrastructure
- Tenants can **allow Operators to protect workloads** on their behalf
- Leverage **Role-based access control** provided by Azure Stack Hub
- **Secure Multi-tenancy** for protecting Tenant workloads
- **Scalable** to large environments by deploying multiple NetWorker Client Proxies
- Enables DR via NetWorker **Cloning** support.

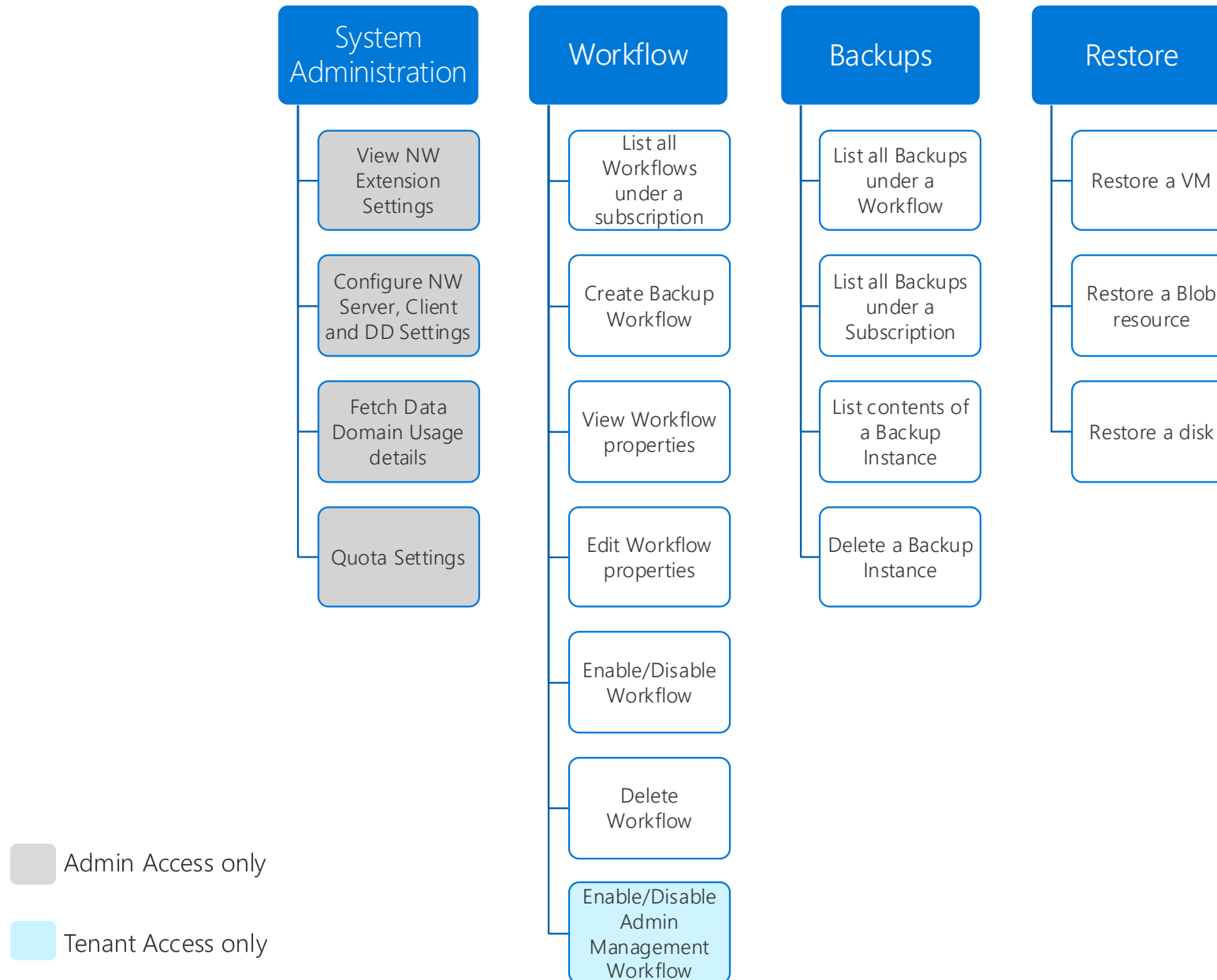
Dell EMC Data Protection for Microsoft Azure Stack Hub Architecture



Note: NW Client Proxy Host(s) and NW Extension Controller can be deployed within Azure Stack Hub, starting NW 19.4.



Data Protection Use Cases - Admin and Tenant



What's New with VConnect Dell DPS

Feature improvements:

- On-Demand backup
- Tenant setting visibility from quota settings
- Email Notification for restore
- Resource level copy operation
- Restore Virtual Machine - select Network
- Compatibility testing for NetWorker 19.9
- Portal SDK update to 8.2306

Deployment improvements:

- Support MFA in NetWorker Extension script
- NetWorker Extension deployment for ADFS lab

What's New with VConnect Dell Isilon

- Usage Collection
- Improvements in mapping the share to drive

Licensing

VConnect RP Licensing for Dell Integrations

Product	License Metric	Metric Description
VConnect for Dell Data Protection Integration	Storage Capacity	Storage capacity (in TB) of Azure Stack Hub that is being protected

Subscription License

- License renewed yearly or monthly
 - Includes Business Hours (8 x 5) Support & Product version updates
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- 24 x 7 Support coverage available for an additional fee.
 - Initial setup and configuration done on remote basis for a one-time fee.

Summary

- **Disconnected** environment support
- Proven solution
- Knowledgeable team
- **Global 24x7 Support** (USA; India; Canada)

- Only one of two vendors approved by Microsoft for Azure Stack Hub RP
- Microsoft internal team is already a customer for Azure Stack Hub Multi-region Management