

ONTAP software bundle update

ONTAP 9.16.1

Lenovo

ONTAP software overview

- The DG5200 and DG7200 support ONTAP version 9.16.1 or later
- There are two ONTAP software bundles: ONTAP Essential and ONTAP Complete
- Users can upgrade their package from Essential to Complete



ONTAP software bundles

License type	Feature name	Unified Complete	Unified Essential	Encryption Add-On
Controller-Based	NFS	v	v	
Controller-Based	CIFS	v	v	
Controller-Based	S3	v	v	
Controller-Based	FC	v	v	
Controller-Based	iSCSI	v	v	
Controller-Based	NVMeoF	v	v	
Controller-Based	SnapRestore	v	v	
Controller-Based	FlexClone	v	v	
Controller-Based	MTKM	v		
Controller-Based	SnapLock	v		
Controller-Based	Autonomous Ransomware Protection	v		
Controller-Based	SnapMirror Async	v		
Controller-Based	SnapMirror Sync/Bus. Cont.	v		
Controller-Based	SnapVault	v		
Controller-Based	SnapCenter	v		
Host-Based	SnapMirror Cloud	v		
Host-Based	S3 SnapMirror	v		
Host-Based	FabricPool	APOS		
Controller-Based	Volume Encryption			v
Controller-Based	Trusted Platform Module (TPM)			v

Systems support two bundles:

- Unified Complete
- Unified Essential

For more information about after point of sale (APOS) service upgrades, refer to the [APOS Upgrade](#) website.