

# Windows Server 2019 přichází

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# Agenda

1. Windows Server 2019 introduction

# What's cool

- SAC vs LTSC
- Hyper-V shielded VMs improvements
- Encrypted network in SDN
- Windows Defender Advanced Threat Protection improvements (Session: Detekce pokročilých a cílených útoků na počítač)
- NTLM removed from cluster communication (Kerberos and certs used)
- HCI
  - Cluster sets
- Performance History for S2D
- Windows Subsystem for Linux (WSL)
- Nano Server improvements and size reduction
- Honolulu

# What's not cool

- NanoServer no longer as Hyper-V host

# Shielded VMs

- Shielded VMs enhanced session
- Shielded VMs Powershell Direct
- Shielded Linux VMs
- Offline Shielded VMs
- Alternate HGS

# Honolulu

- Web interface for infrastructure management
- Backwards compatibility down to WS 2012 R2

# Honolulu – Azure cloud services

Project Honolulu Server Manager

Jeffery.redmond.microsoft.com

Tools

- Overview
- Backup
- Certificate Manager
- Device Manager
- Event Viewer
- Failover Cluster
- File Explorer
- Firewall
- Local Users and Groups
- Network Settings
- Processes
- Registry Editor
- Roles and Features
- Services
- Virtual Machines
- Virtual Switches
- Windows Update

### Azure Backup

Overview Recovery Points Jobs

Recovery Services vault: **BCORDESIGN**

Backup and Retention schedule: [Backup Policy](#)

Subscription name: [e3413122-efdad-13123-af6baac](#)

Oldest System Recovery Point: 11/4/2016, 4:00:42 AM (10 months ago)

Last Backup Status: **Success**

Next Schedule Backup: 9/15/2017, 9:00:00 PM

Update information: Update Available

Latest Recovery Point: 9/12/2017, 9:49:10 PM

#### Jobs

5

- In Progress: 1
- Success: 2
- Warning: 1
- Failed: 1

VIEW ALL JOBS >

#### Recovery Points

11

- System State: 6
- Selected Files: 5

VIEW ALL RECOVERY POINTS >

#### Recent Jobs

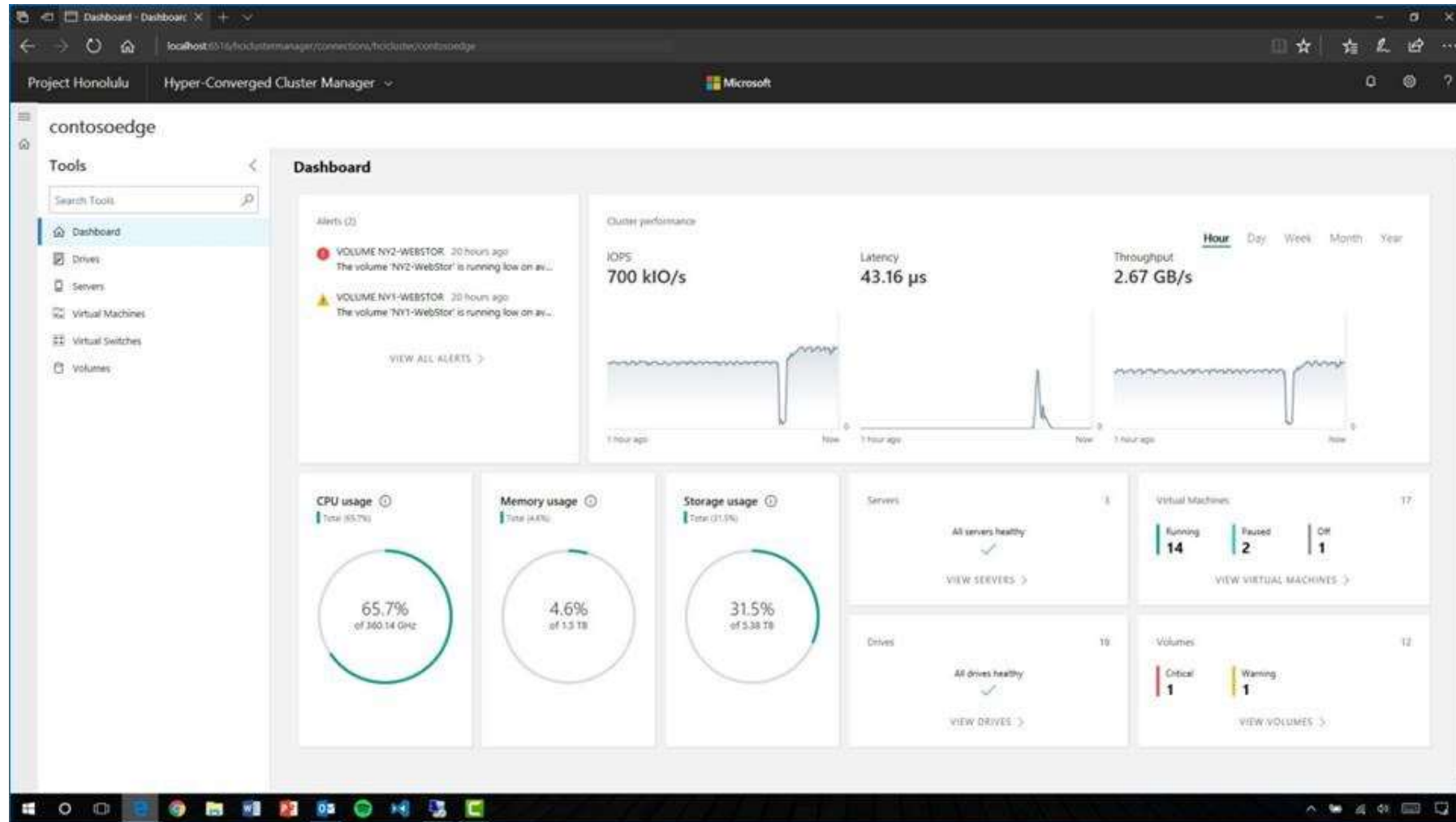
- 1 hour ago: **System State Backup Failed**
- 1 hour ago: **Backup of Selected files completed with warning**

#### Protected Items

Backup now Stop Backup Refresh Filter

Name	Next Backup Time	Latest Backup Status	Latest Recovery Point	Last Backup Duration
System State	Paused	✓ Success	9/12/2017, 9:49:10 PM	20 Minutes
C:\	9/15/2017, 9:00:00 PM	✓ Success	9/12/2017, 9:49:10 PM	2 hours 42 Minutes

# Honolulu – cluster management





# Resources

- WS 2019 Preview Release notes

<https://blogs.windows.com/windowsexperience/2018/03/20/announcing-windows-server-vnext-ltsc-build-17623/>

# Dotazy

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