

# Implementing Configuration Management and Disaster Recovery

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# Overview

## **Agents and extensions**

- VM agent
- First- and third-party extensions

## **Backup and restore**

- Azure Backup
- Site Recovery
- OMS



# Extensions and Agents



# Azure VM Agent









Lightweight  
process

Azure Gallery

Windows Server  
and Linux

Download  
(GitHub)



	Acronis Backup (preview) Acronis, Inc.
	Agent for Windows Server Monitoring Site24x7
	APM Insight .NET Agent Site24x7
	Control-M Agent BMC Software, Inc.
	Custom Script Extension Microsoft Corp.
	Datadog Agent for Windows Datadog Inc.
	Microsoft Antimalware Microsoft Corp.
	PowerShell Desired State Configuration Microsoft Corp.

# VM Extensions

## Configuration management

- Desired State Configuration (DSC)
- Chef
- Puppet

## Data protection

- Antimalware
- Backup



# Demo



# 1

**Show Linux VM agent**

**Add antimalware agent to vm**



# Backup and Restore



# Azure Disaster Recovery as a Service (DRaaS)



## Azure Backup

Policy-based backup and restore  
"Born in the cloud" VMs  
On-premises VMs (Hyper-v,  
VMware)



## Azure Site Recovery

Hybrid VM replication solution  
Fail over application to the cloud or  
secondary datacenter





# Operations Management Suite (OMS)

## Insight & Analytics

Gain visibility across your workloads

- Log collection and analytics
- App and server dependency mapping
- Network health monitoring

## Automation & Control

Enable consistent control and compliance

- Process automation
- Change configuration management
- Patch management

## Security & Compliance

Respond faster to security threats

- Threat prevention
- Threat detection
- Threat response

## Protection & Recovery

Ensure availability of apps and data

- Advanced data protection
- Application and site recovery
- Storage archival and management



# Demo



# 2

**run a vm backup**

**run a vm restore**



# Summary



Azure is well-suited to "born in the cloud" and hybrid scenarios

OMS extends base Azure functionality

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