

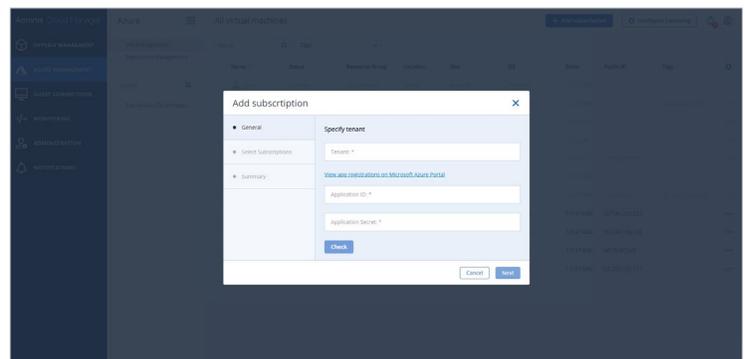
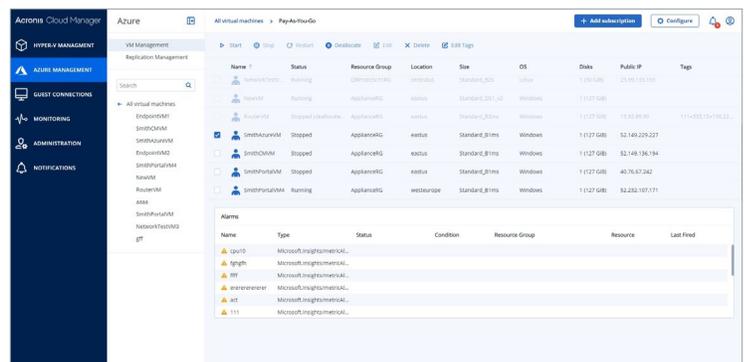
# Acronis Cloud Manager 5.1: What's new

Acronis Cloud Manager 5.1 adds capabilities for the management and replication of Azure VMs to the Web Management Console. These enhancements provide effortless scalability for distributed or large environments, while supporting operations with Hyper-V VMs, virtual switches, and datastores. The new version also adds role and tenant features to the Web Console and makes visual and security improvements to it.

## Acronis Cloud Manager 5.1 – New features in Web Console

### AZURE VM MANAGEMENT

Centrally create, provision, configure, manage, or delete Microsoft Azure VMs across your environment. Easily replicate or migrate Azure VMs and manage operations with Microsoft Azure subscriptions.



## REPLICATION

Through the Web Management Console, administrators can now support Azure replications in addition to Hyper-V. The web-based console allows users to enable VMs for replication, manage replication settings, and even track replication health and status, getting alerts based on that tracking.

## WEB PORTAL IMPROVEMENTS

Reduced security risks with improved security of the web portal initialization script and an added SQL server account password validity check during the web portal setup. Acronis Cloud Manager 5.1 also introduces improvements to the web portal graphical user interface (GUI) and adds https support and certificate selection.

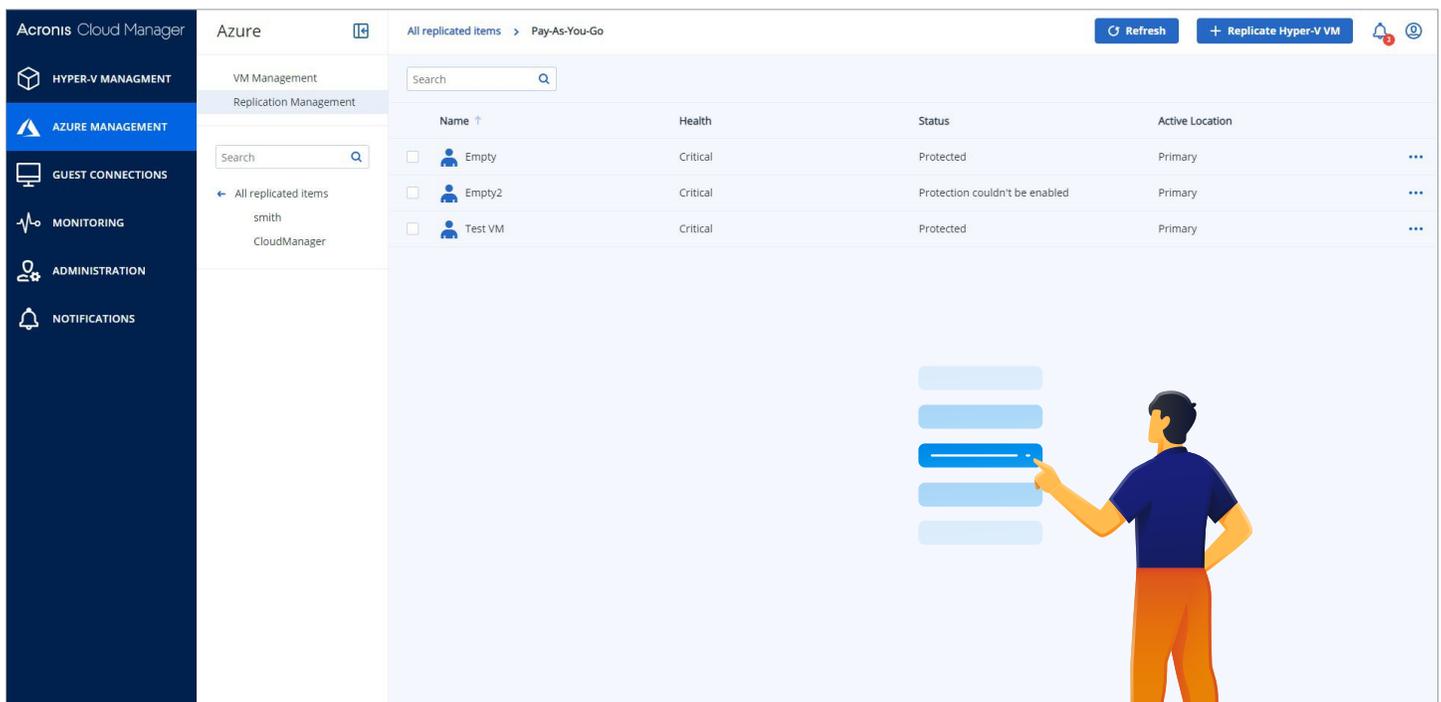
## FIXED ISSUES

- Limit of 500 VMs for the guest connection in the web portal was removed
- Static MAC address. In some cases, a static MAC address had not been set for virtual machines, leaving the dynamic option only
- Expand/compact VHD operations worked improperly

- Convert VHD on Windows Server 2012 R2 did not work
- VM Settings stopped working if datastore failed at some operations
- Issues related to templates and create VM (specific to Windows Server 2019)
- Added the ability to pre-configure joining a VM to a domain by editing VM template's json file
- Issue related to DeviceNaming parameter while editing vNIC settings on Windows Server 2012R2, where the operation failed
- Issues with auto-expanding tree nodes
- Issues with DHCP enabling for Hyper-V VMs
- Issues with setting public IP for Azure VM

## FEATURES TO BE IMPLEMENTED IN THE NEXT RELEASES

- Hyper-V backup
- Reporting: creating various reports for Hyper-V environment/resources
- New self-service tenant portal, based on the new features – resource pools and quotes



## SYSTEM REQUIREMENTS

### Hardware

#### Acronis Cloud Manager server

- CPU: modern x64 processor 4 cores minimum
- Memory: 8GB RAM minimum, 16GB RAM recommended
- Hard disk space: 300MB for product installation and sufficient disk space for Microsoft SQL Server and Acronis Cloud Manager database

#### Acronis Cloud Manager console

- CPU: modern x64 processor 2 cores minimum
- Memory: 2GB RAM recommended
- Hard disk space: 200MB for product installation

#### Acronis Cloud Manager host agent

- CPU: modern x64 processor 4 cores minimum
- Memory: 8GB RAM minimum, 16GB RAM recommended
- Hard disk space: 300MB for product installation

#### Acronis Cloud Manager Web portal

- Hyper-V virtual machine:
  - CPU: modern x64 processor 4 cores minimum
  - Memory: 8GB RAM minimum
  - VHD: 2GB

## OPERATING SYSTEMS

#### Acronis Cloud Manager server

- Only 64-bit versions of the following operating systems are supported:
  - Microsoft Windows Server 2019
  - Microsoft Windows Server 2016
  - Microsoft Windows 10
  - Microsoft Windows 8.1
  - Microsoft Windows Server 2012 R2

#### Acronis Cloud Manager console

- Only 64-bit versions of the following operating systems are supported:
  - Microsoft Windows Server 2019
  - Microsoft Windows Server 2016
  - Microsoft Windows 10
  - Microsoft Windows 8.1
  - Microsoft Windows Server 2012 R2

#### Acronis Cloud Manager host agent

- Only 64-bit versions of the following operating systems are supported:
  - Microsoft Windows Server 2019
  - Microsoft Windows Server 2016
  - Microsoft Windows 10
  - Microsoft Windows 8.1
  - Microsoft Windows Server 2012 R2

#### Acronis Cloud Manager Web portal

- Ubuntu 18.04

### Software

#### Acronis Cloud Manager server

- Microsoft .NET framework 4.6.2 or later
- Microsoft Visual C++ 2015 redistributable update 3
- Microsoft SQL Server (Full and Express):
  - Microsoft SQL Server 2017
  - Microsoft SQL Server 2016 (SP1)
  - Microsoft SQL Server 2014 (SP2)

For production deployment of Acronis Cloud Manager server, it is recommended to use Microsoft SQL Server Standard Edition or higher.

#### Acronis Cloud Manager console

- Microsoft .NET framework 4.6.2 or later
- Microsoft Visual C++ 2015 redistributable update 3

#### Acronis Cloud Manager host agent

- Microsoft .NET framework 4.6.2 or later
- Microsoft Visual C++ 2015 redistributable update 3

#### Acronis Cloud Manager Web portal

- Acronis Cloud Manager Web portal components (pre-installed).

## PARTS

#### Acronis Cloud Manager server

- TCP 5671 for messaging broker communication – can be changed during setup
- TCP 16080 for communication to management console
- Internet connection is necessary for license activation

#### Acronis Cloud Manager console

- TCP 16080 – communication to management server
- TCP 443 – communication to Microsoft Azure

#### Acronis Cloud Manager host agent

- TCP 5671 for messaging broker communication – can be changed during setup

#### Acronis Cloud Manager Web portal

- TCP 443

