

Database as a Service (DaaS) create and configure a new VM Image in any Public Cloud Service Provider.

The screenshot displays the Microsoft Azure portal interface for configuring a new Virtual Machine (VM). The browser address bar shows the URL: `portal.azure.com/#@shaikimrans1235sesaveetha.onmicrosoft.com/resource/subscriptions/1715f29d-75a2-463e-afb2-6df6cb91db89/resourceGroups/Res...`. The page title is "VM.5.14 - Microsoft Azure".

The left sidebar contains navigation options: Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Connect, Bastion, Networking, Network settings, Load balancing, Application security groups, Network manager, Settings, Disks, Extensions + applications, Configuration, and Advisor recommendations.

The main content area shows the "Properties" tab for the VM. The "Virtual machine" section lists the following details:

- Computer name: VM
- Operating system: Linux (ubuntu 20.04)
- Image publisher: canonical
- Image offer: 0001-com-ubuntu-server-focal
- Image plan: 20_04-lts-gen2
- VM generation: V2
- Agent status: Ready
- Agent version: 2.100.8
- Hibernation: Disabled
- Host group: -
- Host: -
- Proximity placement group: -
- Colocation status: N/A
- Capacity reservation group: -
- Disk controller type: SCSI

The "Availability + scaling" section shows:

- Availability zone (edit): 1
- Availability set: -
- Scale Set: -

The "Networking" section shows:

- Public IP address: -
- Public IP address (IPv6): -
- Private IP address: -
- Private IP address (IPv6): -
- Virtual network/subnet: -
- DNS name: -

The "Size" section shows:

- Size: Standard D2s v3

The "Disk" section shows:

- OS disk: VM.5.14_disk1_7e46dab7ddc4445699ec481411ce658a
- Encryption at host: Disabled
- Azure disk encryption: Not enabled
- Ephemeral OS disk: N/A
- Data disks: 1

The "Auto-shutdown" section shows:

- Auto-shutdown: Not enabled
- Scheduled shutdown: -

The "Monitoring" tab is selected, showing "Show data for: Last 24 hours". The "Health events" section shows "Unknown" for both "Health events" and "Azure outages". The "Alerts" section shows "No fired alerts in the selected time period". The "Performance and utilization" section shows "Platform metrics" and "See all Metrics".

The "VM Availability (Preview)" chart shows a graph with a y-axis from 0 to 100 and an x-axis from 6 pm to 6 am UTC+05:30. The chart displays a single data point for "VmAvailabilityMetric (Min) vm.5.14" at 100. The "CPU (average)" chart shows a graph with a y-axis from 0 to 100 and an x-axis from 6 pm to 6 am UTC+05:30. The chart displays a single data point for "Percentage CPU (Avg) vm.5.14" at 100.

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The image displays two screenshots of the Microsoft Azure portal. The top screenshot shows the 'Overview' page for a virtual machine named 'VM.5.14'. The 'Essentials' section provides key details: Resource group (ResourceGroup_4_14), Status (Running), Location (Central India (Zone 1)), Subscription (Azure for Students), Subscription ID (1715f29d-75a2-463e-afb2-6df6cb91db89), Availability zone (1), and Tags (AAA:10, AA:5, BBB:10, BB:5). The 'Properties' section lists VM details: Computer name (VM), Operating system (Linux (ubuntu 20.04)), Image publisher (canonical), Image offer (0001-com-ubuntu-server-focal), Image plan (20_04-lts-gen2), VM generation (V2), VM architecture (x64), Agent status (Ready), and Agent version (2.100.8). The 'Networking' section shows Public IP address, Private IP address, and Virtual network/subnet. The 'Size' section shows Standard D2s v3.

The bottom screenshot shows the 'Connect' page for 'VM.5.14'. The 'SSH using Azure CLI' section provides instructions for connecting to the VM. The 'Recommended' section shows 'SSH using Azure CLI' and 'Native SSH'. The 'Most common' section shows 'Local machine' and 'Azure portal'. The 'SSH using Azure CLI' section includes a 'Connect from your local machine' button and a 'Troubleshooting' link.

The terminal window at the bottom shows the following output:

```
Bash
Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

New release '22.04.3 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

Last login: Tue Mar 19 06:38:29 2024 from 4.224.161.123
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.
shaikimrans1235.sse@saveetha.com@VM:~$
```

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VM.5.14 | Backup Virtual machine

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Run command

Welcome to Azure Backup for Azure VMs
Simple and reliable VM backup to the Azure Recovery Services Vault. [Learn more.](#) You are charged an instance fee based on the size of the VM and for backup data retained in Snapshots and the Recovery Services Vault. [Learn more about pricing.](#)
Review the following information and click on 'Enable backup' to start protecting your VM.

Recovery Services vault ☒ Create new ☐ Select existing

Backup vault * vault775

Resource group ResourceGroup_4_14 [Create new](#)

Policy sub type * ☒ Enhanced
Multiple backups per day
Up to 30 days operational tier retention
Support for Trusted Launch Azure VM
Support for VMs with Ultra Disks and Premium SSD v2
☐ Standard
Once-a-day backup
Up to 5 days operational tier retention

Choose backup policy * (new) EnhancedPolicy-lty4f6g5 [Edit this policy](#)

Protecting a VM with enhanced policy can incur additional snapshot charges. Please note

Enable backup Cancel Feedback

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portal.azure.com/#@shaikimrans1235savesaveetha.onmicrosoft.com/resource/subscriptions/1715f29d-75a2-463e-afb2-6df6cb91db89/resourceGroups/Res...

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Run command

Choose backup policy * (new) EnhancedPolicy-lty4f6g5 [Edit this policy](#)

Protecting a VM with enhanced policy can incur additional snapshot charges. Please note that once you enable a VM backup with enhanced policy, changing to standard policy type is not possible. [Learn more.](#)

Policy Details

Full backup

Backup frequency
Every 4 hour(s) starting 8:00 AM UTC for 12 Hour(s)

Instant restore
Retain instant recovery snapshot(s) for 7 day(s)

Retention of daily backup point
Retain backup taken every day for 30 Day(s)

Consistency type ☐ Application or file-system consistent

Disk selection

Disks 2 selected

Include future disks ☒

Selective disk backup option allows you to include or exclude specific data disks based on their LUN numbers. OS Disk exclusion is not supported. Know more about Selective Disk Backup feature, its limitation and pricing. [Learn more](#)

Enable backup Cancel Feedback

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shaikimrans1235.sse@... | DEFAULT DIRECTORY (SHAKIMR...

Home >

ConfigureProtection-1710837429223 | Overview

Deployment

Search << | Delete | Cancel | Redeploy | Download | Refresh

Overview

Inputs

Outputs

Template

Deployment is in progress

Deployment name : ConfigureProtection-1710837429223

Subscription : Azure for Students

Resource group : ResourceGroup_4_14

Start time : 19/3/2024, 2:07:28 pm

Correlation ID : f35504b8-f868-4f89-ba28-671d27d4b941

Deployment details

Resource	Type	Status	Operation details
vault775/Azure/iaasvmco...	Backup Item	Accepted	Operation details
vault775/EnhancedPolicy-It...	Microsoft.RecoveryServices/vaul	OK	Operation details
vault775	Recovery Services vault	Created	Operation details

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