**アTechData**/

Cloud Solutions

# Azure Reserved VM Instances(RIs) Provisioning Best Practice SmartGuide



# Introduction

Partners who want to run full – time virtual machines in the cloud and want best price and flexibility in return can take advantage of Azure Reserved Instances.

This guide has been created with the intent of helping our partners provision Azure Reserved VM Instances (RIs) through Tech Data, as well completing the process of applying or managing the Reserved Instances in the Azure Portal much more effectively and smoother.

This guide can be leveraged by procurement or deployment staff.

### **Components at a Glance**

- **1**. Azure Reserved VM Instances Overview
- 2. Provisioning Azure RI through Tech Data
- 3. Managing or Applying Azure VM Reserved Instances in the Azure Portal
- 4. Additional Resources

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## **Azure Reserved Virtual Machine (VM) Instances**

#### What are Azure Reserved Virtual Machine (VM) Instances?

Azure Reserved Virtual Machine Instances (RIs) is a new offering, currently available through the Cloud Solution Partner (CSP) Program.

This solution provides customers to save up to 72% on IaaS compute by pre-purchasing a virtual machine for a 1 or 3-year period. The customer simply needs to choose the instance (D12\_v2 or FS4, for example) and the datacenter (Europe West, for example).

Customers do not need to decide the Operating System (Windows or Linux) at the time of purchase. RIs deliver both significant cost savings and differentiated pre- and post-purchase flexibility. Ultimately this new offering, offer partners a strong anchor point to grow revenue and enhance profitability.

#### Which customers would be a good fit for Reserved Instances?

Customers who want to run full-time virtual machines in the cloud, and want best price and flexibility in return for making some choices and upfront investments.

#### Example:

- Full-time Windows Server virtual machines in Azure
- Windows Server licenses with SA

#### **Customer Choices**

- Term: 1 or 3 years
- Type of virtual machine: for example, D4v3
- Azure Region: for example, Europe West (EUW)
- Assignment Level: Company or project/department

#### **Best Price and Flexibility**

Windows Server VMs

- Best pricing on any public cloud
- Significant savings compared to Azure Pay-As-You-Go Windows Server VMs
- Flexibility to evolve an RI as business needs change

Linux VMs

- Competitive pricing
- Significant savings compared to Azure Pay-As-You-Go Linux VMs
- Flexibility to evolve an RI as business needs change

#### Tech Data is your go-to-source for all of your Microsoft Cloud needs.

Currently the process is a bit different from how a partner would usually purchase an Azure CSP subscription through Tech Data. Since there a couple of things we need to verify prior to your purchase, and in order to make the process much smoother and easier for you, an Azure Cloud Solution Specialist will work with you to determine what would be best for your needs and provide you with pricing, as well as assist with the ordering process.

For any Azure VM Reserved Instances, please contact a Tech Data Azure Cloud Specialist.

## Adding Azure Reserved Instances in the Azure Portal

Once you have placed an order with your sales team and upon receiving email confirmation. The next step you will need to complete is adding the Reserved Instances in the Azure Portal. Below are the steps on how to complete this process successfully.

1. Log into the <u>Azure Portal</u>. Click on "All Services".



2. From the list of options displayed under "General", click on "Reservations"

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| 🔇 App Services    | Marketplace                             |                 | Help + support      | *                     |

#### 3. Click "Add".

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4. Select the region, VM size and the term for the subscription.

Keep in mind:

- Location/Region is where the VM is running
- VM size: Please select the exact size the customer is running
- Term: 1 or 3 year are the only options

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|------------|---------------------|--|---|------------|----|--|--|--|--|
|            |                     | Home > Reservations > Create reserved VM instances       |   |            |    |  |  |  |  |
| +          | Create a resource   | Create reserved VM instances                             |   |            |    |  |  |  |  |
| ≔          | All services        | Reserved VM instances (RI:<br>you to pre-purchase the ba | s) provide a significant discount over pay-as-you-go VM prices by allowir<br>ase costs of your VM usage for a period of 1 or 3 years. Learn more abou | ng<br>t    |    |  |  |  |  |
| *          | FAVORITES Azure RIs |  |   |            |    |  |  |  |  |
|            | Dashboard 🔨         | BASICS   |   |            |    |  |  |  |  |
|            | All resources       | * Name   | Reservation_05-16-2018_12-21  | <b>~</b>   |    |  |  |  |  |
| (          | Resource groups     | Subscription   |   |            |    |  |  |  |  |
| ۲          | App Services        | Scope 0  | Shared  Single subscription   |            |    |  |  |  |  |
| <b>%</b> > | Function Apps       | DETAILS  |   |            |    |  |  |  |  |
| <b>9</b>   | SQL databases       | * Region   | Please select a region  | ~ 0        |    |  |  |  |  |
| •          | 4 6 55              | * VM size  |   | ~ <b>0</b> |    |  |  |  |  |
| <i></i>    | Azure Cosmos DB     | Term   |   | $\sim$     |    |  |  |  |  |
| <b>!</b>   | Virtual machines    | * Quantity   | Please provide quantity   |            |    |  |  |  |  |

5. You will then be able to review all of the information below you continue to the final screen. The below is just an example of what you will be able to view.

| Virtual machines<br>Microsoft (microsoft.com) | « * ×    | Virtual machine               |   |   |                              |
|---|----------|-------------------------------|---|---|------------------------------|
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| Filter by name                                |          | 👰 Overview                    | ^ | Resource group (drange)<br>testwns<br>Status                    | Computer name<br>korea-south |
| NAME **                                       |          | Activity log                  |   | Running   | Windows                      |
| korea-south                                   |          | Access control (IAM)          |   | Korea South   | Standard DS2 v2 (2 vcpus     |
|   |          | Tags                          |   | Subscription (change)<br>SPZA PlayGround<br>Subscription ID     | 52.231.203.22                |
|   |          | X Diagnose and solve problems |   | 155af98a-3205-47e7-883b-a2ab9db9f88d                            | testvms-vnet/default         |
|   |          |                               |   |   | Configure                    |
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6. Pricing and confirmation details will be available for review in the last screen. Please verify the information is correct, before hitting the purchase button.

| Mi              | icrosoft Azure         |  |  |                                   |       | P Search ri |  |  |  |  |
|-----------------|------------------------|--|--|-----------------------------------|-------|-------------|--|--|--|--|
|                 |                        |  | Create reserved VM instances   |                                   |       |             |  |  |  |  |
| +               | Create a resource      | Create reserve   | ed VM instances  |                                   |       |             |  |  |  |  |
| :=              | All services           | Reserved VM instances (                                    | RIs) provide a significant discount ov   | er pay-as-you-go VM prices by all | owing |             |  |  |  |  |
| *               | FAVORITES              | Azure Ris  |  |                                   |       |             |  |  |  |  |
|                 | Dashboard              | BASICS   |  |                                   |       |             |  |  |  |  |
|                 | All resources          | * Name   | Reservation_05-21-2018_10-41   | 0                                 | ~     |             |  |  |  |  |
| 1531            | Perource around        | Subscription   | Microsoft Azure  |                                   | ~     |             |  |  |  |  |
|                 | Resource groups        | Scope 0 Shared Single subscription                         |  |                                   |       |             |  |  |  |  |
|                 | App Services           | DETAILS  |  |                                   |       |             |  |  |  |  |
| \$              | Function Apps          | * Region   | East US  |                                   | 0     |             |  |  |  |  |
| 8               | SQL databases          | * VM size  | D1_v2 (1 vCPU, 3.5 GB)   |                                   | 0     |             |  |  |  |  |
| 2               | Azure Cosmos DB        | Term   | One year   |                                   | ~     |             |  |  |  |  |
| ۰               | Virtual machines       | * Quantity   | 1 🗸  |                                   |       |             |  |  |  |  |
|                 | Load balancers         | COSTS  |  |                                   |       |             |  |  |  |  |
| -               | Storage accounts       | Calculate cost   |  |                                   |       |             |  |  |  |  |
| <del>6</del> +3 | Virtual networks       | Cost per VM<br>Total VMs                                   | 256.50   | USD<br>Standard_D1_v2             |       |             |  |  |  |  |
| ٠               | Azure Active Directory | * Additional taxes may apply                               | 230.30   | 050                               |       |             |  |  |  |  |
| •               | Monitor                | * Payment will be processed<br>* There may be additional m | d using the payment method on file for the<br>narkup on this price from your Azure provi | selected subscription.<br>der.    |       |             |  |  |  |  |

# **Additional Resources**

- <u>Azure Portal</u>
- <u>Azure Reserved VM Instances (RIs) Pricing & FAQs</u>
- <u>Understanding how the Azure VM Reserved Instance (RIs) discounts will be applied</u>
- Saving money on virtual machines with Azure Reserved VM Instances

# For any questions or additional assistance, please contact our team.

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