

Demonstrate Infrastructure as a Service (IaaS) by establishing the remote connection, launch the created VM image and run in your desktop.

The screenshot displays the Microsoft Azure portal interface. On the left, the 'Virtual machines' section is visible, showing a list of VMs with 'VM4.15' selected. The main area shows the 'VM4.15 | Connect' page, which includes a sidebar with navigation options like 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 'Connect' section is active, showing a 'Connecting using' status with a 'Public IP address | 98.70.76.132'. Below this, there are fields for 'Admin username' (azureuser), 'Port' (22), and 'Just-in-time policy' (Unsupported by plan). A 'Recommended' section suggests 'SSH using Azure CLI' with a 'Select' button. On the right, a modal window titled 'SSH using Azure CLI' is open, showing a progress bar for 'Configure prerequisites for SSH using Azure CLI'. The progress bar is at 100%, indicating that all prerequisites are configured. The prerequisites listed are: 'System assigned managed identity' (configured), 'Microsoft Entra ID SSH Login Extension' (installed), 'Virtual machine user or administrator login' (configured), and 'Port 22 access' (accessible). A checkbox for 'I understand just-in-time policy on the virtual machine may be re-configured to allow any source IP to request just-in-time access to port 22.' is checked. The modal window has 'Close' and 'Troubleshooting' buttons. Below the screenshot, there is a black rectangular area with a white box in the center. The white box contains the text 'Welcome to Azure Cloud Shell' and a message about selecting Bash or PowerShell. Below the message are two buttons: 'Bash' and 'PowerShell'.

Microsoft Azure portal interface showing the VM4.15 Connect page. The page displays the VM's public IP address (98.70.76.132) and the 'SSH using Azure CLI' connection method. The 'SSH using Azure CLI' window shows the configuration prerequisites, including 'System assigned managed identity', 'Microsoft Entra ID SSH Login Extension', 'Virtual machine user or administrator login', and 'Port 22 access'. The 'SSH using Azure CLI' window also shows the 'Public IP address: 98.70.76.132' and a checkbox for 'I understand just-in-time policy on the virtual machine may be re-configured to allow any source IP to request just-in-time access to port 22.'.

Welcome to Azure Cloud Shell

Select Bash or PowerShell. You can change shells any time via the environment selector in the Cloud Shell toolbar. The most recently used environment will be the default for your next session.

Bash PowerShell

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The screenshot displays the Microsoft Azure portal interface. On the left, the 'Virtual machines' section shows a list with 'VM4.15' selected. The main pane shows the 'Connect' page for 'VM4.15', which includes a search bar, a 'Refresh' button, and a 'Troubleshoot' dropdown. The 'Connect' page lists various connection methods: 'Connect' (selected), 'Bastion', and 'Networking'. The 'Connect' method is further detailed with 'Admin username: azureuser', 'Port (change): 22', and 'Just-in-time policy: Unsupported by plan'. A 'Recommended' section is also visible. On the right, a 'SSH using Azure CLI' panel is open, showing a progress bar for 'Configure prerequisites for SSH using Azure CLI'. The progress bar indicates that prerequisites are configured, including 'System assigned managed identity', 'Microsoft Entra ID SSH Login Extension', and 'Virtual machine user or administrator login'. Below the progress bar, there are 'Close' and 'Troubleshooting' buttons. At the bottom, a terminal window shows the Ubuntu system's default message and the user's prompt: 'shaikimrans1235.sse@savaetha.com@VM4:--\$'.