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**18. Demonstrate Infrastructure as a Service (IaaS) by creating a resources group using a Public Cloud Service Provider (Azure), configure with minimum CPU, RAM, and Storage.**

The screenshot displays the Microsoft Azure portal interface for a virtual machine named 'vm3'. The left sidebar contains navigation options such as Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Settings, Networking, Connect, Windows Admin Center, Disks, Size, Microsoft Defender for Cloud, Advisor recommendations, Extensions + applications, Availability + scaling, and Configuration.

The main content area shows the 'Essentials' section with the following details:

- Resource group (move): [vm3](#)
- Status: Running
- Location: East Asia
- Subscription (move): [Azure for Students](#)
- Subscription ID: 6ae8b981-dd71-4d18-98de-8279770de35b
- Health state: -
- Tags (edit): [Add tags](#)
- Operating system: Windows (Windows Server 2019 Datacenter)
- VM availability status: Available
- Size: Standard DS1 v2 (1 vcpu, 3.5 GiB memory)
- Public IP address: [20.239.75.183](#)
- Virtual network/subnet: [Virtual-vnet/default](#)
- DNS name: [Not configured](#)

The 'Properties' section provides further details about the virtual machine:

Property	Value
Computer name	Virtual
Operating system	Windows (Windows Server 2019 Datacenter)
Image publisher	MicrosoftWindowsServer
Image offer	WindowsServer
Image plan	2019-datacenter-gensecond
VM generation	V2
VM architecture	x64
Agent status	Ready
Agent version	2.7.41491.1095
Host group	None
Host	-
Proximity placement group	-
Colocation status	N/A
Capacity reservation group	-
Disk controller type	SCSI

The 'Networking' section shows the public IP address as 20.239.75.183 (Network interface virtual93) and the private IP address as 10.0.0.4. The 'Size' section indicates the VM is Standard DS1 v2 with 1 vCPU and 3.5 GiB RAM. The 'Disk' section shows the OS disk is Virtual\_OsDisk\_1\_02ab31e12de04cc19683cd8967f17af1, with encryption at host disabled and Azure disk encryption not enabled.

