Hosting Controller
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What is a Cloud Control Panel?

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Complete Insight!

A 'Control Panel' is the face of any cloud service provider. This is what enables the applications running in the cloud to be offered 'as a Service'; whether Infrastructure as a Service or Software as a Service.

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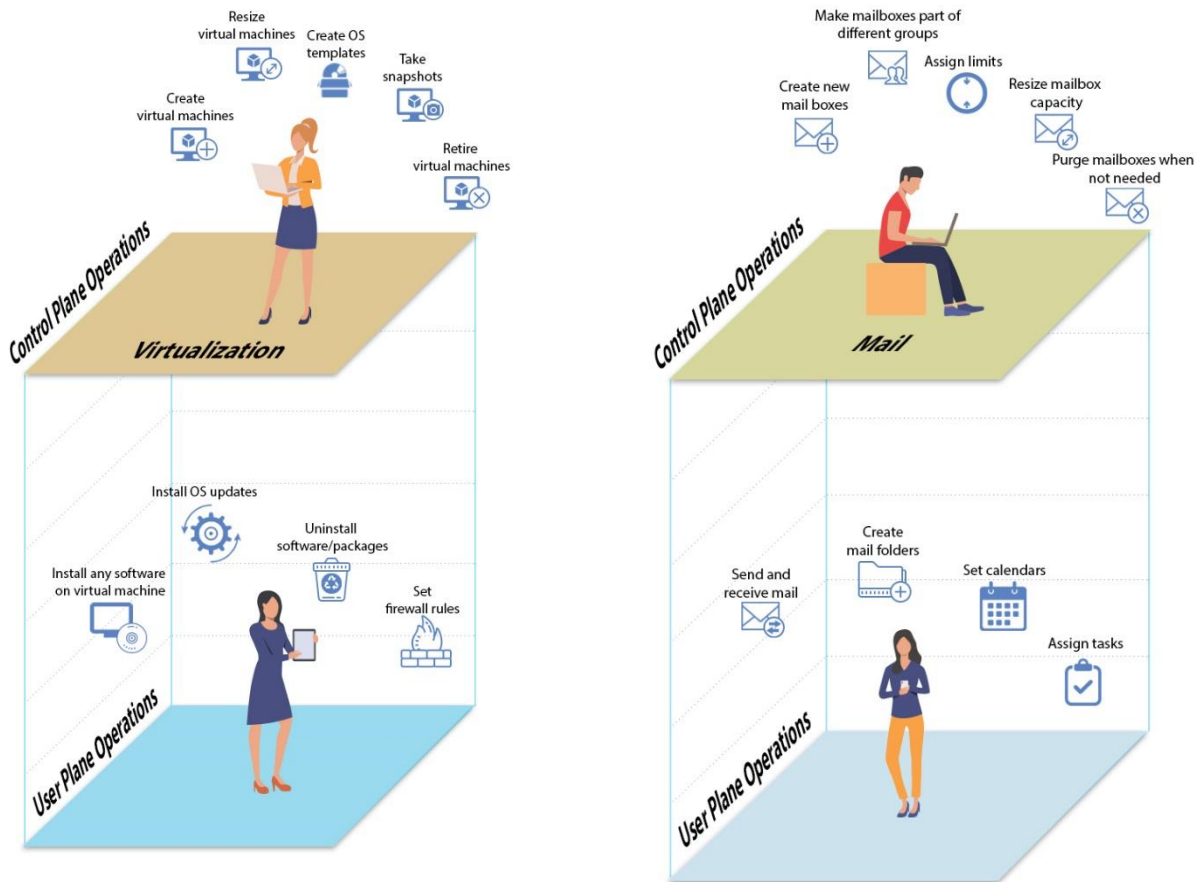
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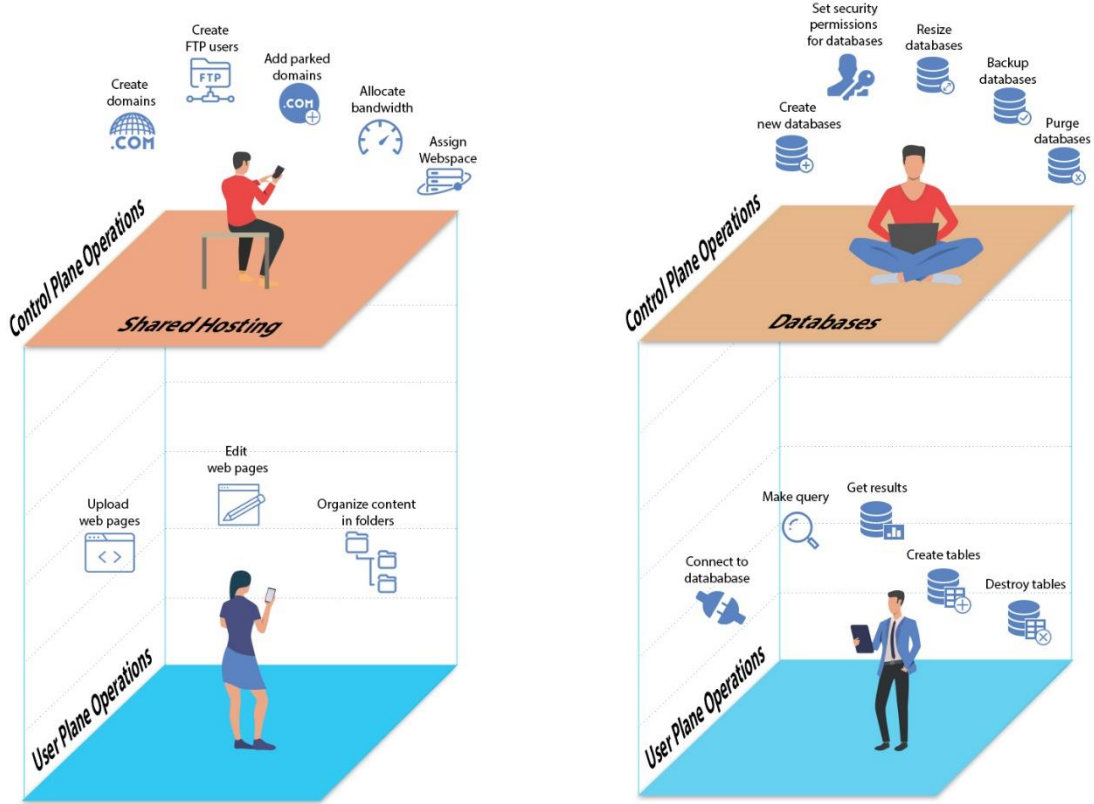
Amazon AWS, Microsoft Azure, Office 365, Google Cloud Platform and other public cloud providers, all offer their control panels which provide the interfaces used by end-customers on one side and integrate with all their backend systems and applications on the other side.

What is Control Plane and User Plane for Applications?

All applications provide their own interfaces for end-users to use them. Web based applications will provide browser-based interfaces. Databases offer their clients apps to connect to them. Virtual Machines are accessed using other protocols. Communications apps using Voice and Video over IP.

But all applications have 'Control Actions' which are carried out through the Control Panel. They include initial provisioning of resources, resizing of all resources, access control of those resources, security, logging and other aspects. They are similar for all applications.

Control Panels provide APIs for all these 'Control Actions'. On top of the APIs, they usually also provide GUI or graphical interfaces. They are also called 'A Single Control Pane'; as it provides a trail and 360° view of all the control activity going on, on the applications.

What is a Private Cloud Control Panel?

A Private Cloud Control Panel sits in an organization's private data center or its on-premise network. It integrates with all the applications running within the organization's data centers and provides interfaces for the end-users to carry out their 'Control Actions'.

In a modern organization, the IT department owns the applications and the Control Panel that controls them. The end-users are all the other departments and people who use the control panel to conduct their daily control operations.

The IT department also makes use of the APIs provided by the Control Panel; except that their typical use is to automate the tasks through workflows or to conduct different other actions in bulk.

With Control Panel

End-Users get self-serve GUI portals to execute their respective operations themselves
IT-Staff primarily engaged in IT-Automation using provided APIs and control panel
extends 'Control Plane Actions' to manage other critical tasks.

What else does Hosting Controller Private Cloud Control Panel do?

Hosting Controller Enterprise Edition is a Private Cloud Control Panel. It sits in any organization's data center and integrates with all applications running on-premises or within the data center. It is a complete 'Control Panel' application giving its end users benefits of cloud computing. You can learn more about Hosting Controller Enterprise edition on http://HostingController.com/enterprise .