



USAGE AND BILLING FOR

AZURE STACK HUB

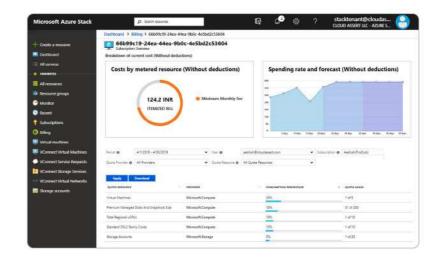
Allows Enterprises, Service Providers, Re-sellers and End Users to view, track and manage their resource consumption and billing from the same single portal. Quickest way to offer rich solution on top of Microsoft Azure Stack for all your Charge-back, Show-back, Billing and reporting needs.

OVERVIEW

One investment for true utility-based billing for your Cloud services within Azure Stack Hub. Built for Azure Stack Hub as a highly componentized architecture. Enables Service Administrator to define multiple pricing models for all available services and resource meters within Azure Stack Hub. WHMCS Integration automates all aspects of user signup, orders and invoice generation. New features include Signup, Marketplace, Promotions, CSP, and Payment Gateway integration.

VALUE ADDED END USER FEATURES INCLUDED OUT OF THE BOX

- Marketplace to subscribe to Plans and Add-Ons
- View all subscriptions managed by the same user in one place and Ongoing Month-To-Date or historical Usage
- Download detailed usage as monthly CSV
- Detailed overview per tenant subscription
- Invoke PowerShell scripts to automate business processes upon Subscription, creation/deletion, etc.





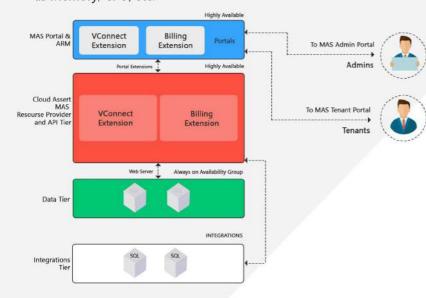
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Administrators can set pricings by simply marking it up or based on the actual consumptions for certain meters such as storage, blob store, CPU, etc., Offer pre-paid plans, quota-based plans (pre-paid + metered), and Pay-as-you-go plans (metered only). Ability to run Promotions and include credits at Plan level, metered resource level, and User level. Enable new pricing options, such as, billing a VM only when it is in use, or pricing a VM based on multiple metered resourced such as Memory, CPU, etc.



Visibility into Usage and Costs

- Collect → Aggregate → Consolidated usage view
- Download usage Analyze using Excel spreadsheets
- Quota vs Usage reports (Similar to Azure)

WHMCS INTEGRATION MODULE

- 1. Automated user and subscription creation in Azure Stack, when a new user orders a product in WHMCS
- 2. Automated email notification to user with login information for Azure Stack portal
- 3. Automated Subscription life cycle sync with Azure Stack

MARKETPLACE AND MICROSOFT CSP INTEGRATION MODULE

- 1. Custom Marketplace to richly advertise Plans and Add-Ons to Tenants, including Microsoft CSP* offers for Office 365, and Microsoft Azure
- 2. Tenants can use Azure CSP subscription(s) to provision VMs using Cloud Assert VConnect

USER SIGNUP AND PAYMENT GATEWAY INTEGRATION MODULE

- User signup request workflow enabling Admins to approve/ reject requests
- ▶ Enable invoice payment within Azure Stack using supported Payment Gateway integration

AGGREGATION SERVICE

- 1. Highly available Aggregation Engine with a Master and Slave architecture
- 2. Aggregate usage from any source via custom collectors using PowerShell or C#
- 3. Daily and monthly aggregations to provide visibility into resource consumption and invoice generation

NOTIFICATIONS AND ALERTS MODULE

- Tenant Users can configure rules to alert based on usage limits
- Notifications are visible in Tenant Portal and can also be configured to be sent as emails
 - * Payment Gateway integration, CSP integration, and WHMCS integration features are licensed separately.

