

This month's presenters:



Azure Landing Zones

6th December 2023 - External Community Call



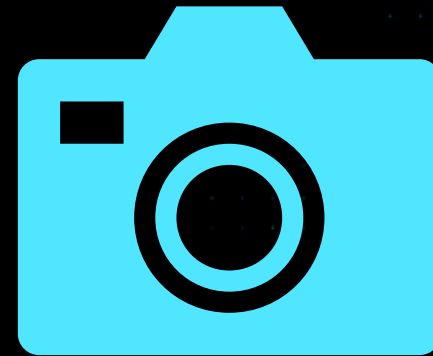
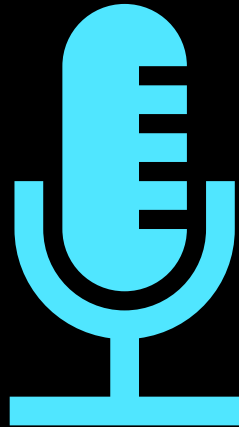
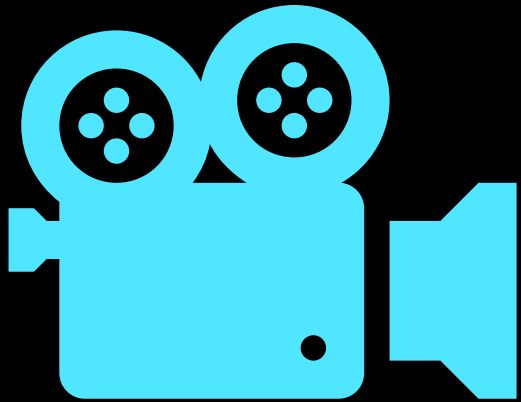
Registration:

<https://aka.ms/ALZ/CommunityCallRegister>

Agenda (please add suggestions):

<https://aka.ms/ALZ/CommunityCallAgenda>





This meeting is being recorded



Before we get started...



At any point, if you have a question please put it
in the chat!

(we have members of the team here to help 🧐)



Also we may stop and discuss your
question/point at that time, we want this to be
an open discussion with all of you 😊





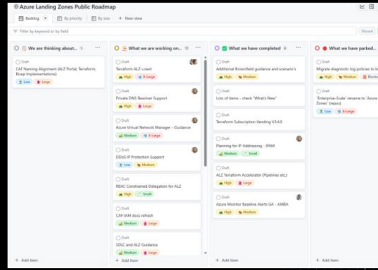




Implementation Options & Accelerators



ALZ Public Roadmap

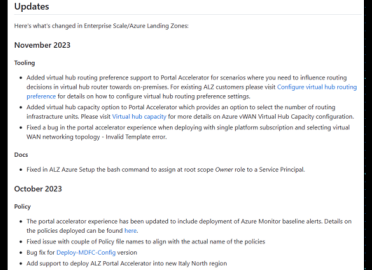



aka.ms/ALZ/Roadmap



ALZ What's New?

<https://aka.ms/ALZ/WhatsNew>

Single place to stay up-to-date



AMBA – It's GA!







MMA Deprecation Update





ALZ Terraform vNext Update

Asks to the community



Q & A




Agenda



- Implementation Options & Accelerators Reminder
- Public Roadmap Reminder
- What's New in ALZ?
- AMBA Updates
- MMA Deprecation Updates
- ALZ Terraform v.next Intro & Deep Dive
- Our asks to you – help us drive the shape of ALZ
- Wrap up





Implementation Options & Accelerators



Accelerators



Azure Architecture Center

Browse all Architectures

Architecture icons

What's new

∨ Landing zones

Deployment Options

∨ Design guides

∨ Landing zone implementations

Bicep landing zone implementation

Terraform landing zone implementation

Subscription vending implementation

Cloud operating model roles and responsibilities

The Cloud Adoption Framework describes four common cloud operating models. The Azure identity and access for landing zones recommends five role definitions (Roles) you should consider if your organizations cloud operating model requires customized Role Based Access Control (RBAC). If your organization has more decentralized operations, the Azure built-in roles may be sufficient.

The table below outlines the key roles for each of the cloud operating models.

Role	Decentralized operations	Centralized operations	Enterprise operations	Distributed operations
Azure platform owner (such as the built-in Owner role)	Workload team	Central cloud strategy	Enterprise architect in CCoE	Based on portfolio analysis - see Business alignment and Business commitments
Network management (NetOps)	Workload team	Central IT	Central Networking in CCoE	Central Networking for each distributed team + CCoE
Security operations (SecOps)	Workload team	Security operations center (SOC)	CCoE + SOC	Mixed - see: Define a security strategy
Subscription owner	Workload team	Central IT	Central IT + Application Owners	CCoE + Application Owners
Application owners (DevOps, AppOps)	Workload team	Workload team	Central IT + Application Owners	CCoE + Application Owners

Subscription Vending

Once the platform landing zone is in place, the next step is to create and operationalize application landing zones for workload owners. Subscription democratization is a [design principle](#) of Azure landing zones that uses subscriptions as units of management and scale. This approach accelerates application migrations and new application development.

[Subscription vending](#) standardizes the process for requesting, deploying, and governing subscriptions, enabling application teams to deploy their workloads faster. To get started, see [subscription vending implementation guidance](#), then review the following infrastructure-as-code modules. They provide flexibility to fit your implementation needs.

Deployment option	Description
Bicep Subscription Vending	The Subscription Vending Bicep module is designed to accelerate deployment of the individual landing zones (aka Subscriptions) within an Azure Active Directory Tenant on EA, MCA & MPA billing accounts.
Terraform Subscription Vending	The Subscription Vending Terraform module is designed to accelerate deployment of the individual landing zones (aka Subscriptions) within an Azure Active Directory Tenant on EA, MCA & MPA billing accounts

aka.ms/ALZ/AAC

Platform

The options below provide an opinionated approach to deploy and operate the [Azure landing zone conceptual architecture](#) as detailed in the Cloud Adoption Framework (CAF). It's important to note that, depending upon customizations, the resulting architecture might not be the same for all the options listed below. The differences between the options are how you deploy the architecture. They use differing technologies, take different approaches and are customized differently.

Deployment option	Description
Azure landing zone Portal accelerator	An Azure portal-based deployment that provides a full implementation of the conceptual architecture, along with opinionated configurations for key components such as management groups and policies.
Azure landing zone Terraform accelerator	This accelerator provides an orchestrator module, but also allows you to deploy each capability individually or in part.
Azure landing zone Bicep accelerator	A modular accelerator where each module encapsulates a core capability of the Azure landing zone conceptual architecture . While the modules can be deployed individually, the design proposes the use of orchestrator modules to encapsulate the complexity of deploying different topologies with the modules.

In addition, after deploying the landing zone, you will need to plan to operate it and maintain it. Review the guidance on how to [Keep your Azure landing zone up to date](#).

Application

Application landing zones are one or more subscriptions that are deployed as environments for workloads or applications. These workloads can take advantage of services deployed in platform landing zones. The application landing zones can be centrally managed applications, decentralized workloads, or technology platforms such as Azure Kubernetes Service that host applications.

You can use the options below to deploy and manage applications or workloads in an application landing zone.

Application	Description
AKS landing zone accelerator	An open-source collection of ARM, Bicep, and Terraform templates that represent the strategic design path and target technical state for an Azure Kubernetes Service (AKS) deployment.
Azure App Service landing zone accelerator	Proven recommendations and considerations across both multi-tenant and App Service Environment use cases with a reference implementation for ASEv3-based deployment
Azure API Management landing zone accelerator	Proven recommendations and considerations for deploying APIM management with a reference implementation showcasing App Gateway with internal APIM instance backed Azure Functions as backend.
SAP on Azure landing zone accelerator	Terraform and Ansible templates that accelerate SAP workload deployments using Azure Landing Zone best practices, including the creation of Infrastructure components like Compute, Networking, Storage, Monitoring & build of SAP systems.
HPC landing zone accelerator	An end-to-end HPC cluster solution in Azure using tools like Terraform, Ansible, and Packer. It addresses Azure Landing Zone best practices, including implementing identity, Jump-box access, and autoscale.
Azure VMware Solution landing zone accelerator	ARM, Bicep, and Terraform templates that accelerate VMware deployments, including AVS private cloud, jumpbox, networking, monitoring and add-ons.
Azure Virtual Desktop Landing Zone Accelerator	ARM, Bicep, and Terraform templates that accelerate Azure Virtual Desktop deployments, including creation of host pools, networking, storage, monitoring and add-ons.
Azure Red Hat OpenShift landing zone accelerator	An open source collection of Terraform templates that represent an optimal Azure Red Hat OpenShift (ARO) deployment that is comprised of both Azure and Red Hat resources.
Azure Arc landing zone accelerator for hybrid and multicloud	Arc enabled Servers, Kubernetes, and Arc-enabled SQL Managed Instance see the Jumpstart ArcBox overview.



ALZ Public Roadmap

aka.ms/ALZ/Roadmap

The screenshot shows a Kanban board titled "Azure Landing Zones Public Roadmap". It is organized into four columns representing different stages of work:

- We are thinking about... (1 item):**
 - Draft: CAF Naming Alignment (ALZ Portal, Terraform, Bicep Implementations) [Low, Large]
- What we are working on... (11 items):**
 - Draft: Terraform ALZ v.next [High, X-Large]
 - Draft: Private DNS Resolver Support [High, Large]
 - Draft: Azure Virtual Network Manager - Guidance [Medium, X-Large]
 - Draft: DDoS IP Protection Support [Low, Medium]
 - Draft: RBAC Constrained Delegation for ALZ [High, Small]
 - Draft: CAF IAM docs refresh [Medium, Large]
 - Draft: SDLC and ALZ Guidance [Medium, Large]
- What we have completed (6 items):**
 - Draft: Additional Brownfield guidance and scenario's [High, Medium]
 - Draft: Lots of items - check "What's New"
 - Draft: Terraform Subscription Vending V3.4.0
 - Draft: Planning for IP Addressing - IPAM [Medium, Small]
 - Draft: ALZ Terraform Accelerator (Pipelines etc.) [High, Large]
 - Draft: Azure Monitor Baseline Alerts GA - AMBA [High, Medium]
- What we have parked... (2 items):**
 - Draft: Migrate diagnostic log policies to built-in [High, Medium, Blocked]
 - Draft: "Enterprise-Scale" rename to "Azure Landing Zones" (repos) [Low, X-Large]

At the bottom of each column is an "Add item" button.





ALZ What's New?

<https://aka.ms/ALZ/WhatsNew>

Single place to
stay up-to-
date



Updates

Here's what's changed in Enterprise Scale/Azure Landing Zones:

November 2023

Tooling

- Added virtual hub routing preference support to Portal Accelerator for scenarios where you need to influence routing decisions in virtual hub router towards on-premises. For existing ALZ customers please visit [Configure virtual hub routing preference](#) for details on how to configure virtual hub routing preference settings.
- Added virtual hub capacity option to Portal Accelerator which provides an option to select the number of routing infrastructure units. Please visit [Virtual hub capacity](#) for more details on Azure vWAN Virtual Hub Capacity configuration.
- Fixed a bug in the portal accelerator experience when deploying with single platform subscription and selecting virtual WAN networking topology - Invalid Template error.

Docs

- Fixed in ALZ Azure Setup the bash command to assign at root scope *Owner* role to a Service Principal.

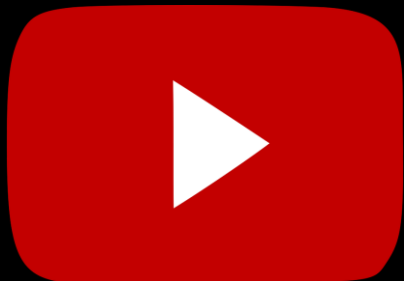
October 2023

Policy

- The portal accelerator experience has been updated to include deployment of Azure Monitor baseline alerts. Details on the policies deployed can be found [here](#).
- Fixed issue with couple of Policy file names to align with the actual name of the policies
- Bug fix for [Deploy-MDFC-Config](#) version
- Add support to deploy ALZ Portal Accelerator into new Italy North region



Get in the (Landing) Zone with Terraform on Azure



ALZ Team @
HashiConf 2023



More Brownfield Guidance

NOW LIVE!



aka.ms/alz/brownfield

Filter by title

Align

Refactor landing zones

Transition to the Azure landing zone conceptual architecture

Alignment scenarios

Single Subscription with no management groups to the Azure landing zone conceptual architecture

Single/Few Management Groups to the Azure landing zone conceptual architecture

Regional organization to the Azure landing zone conceptual architecture

Alignment approaches

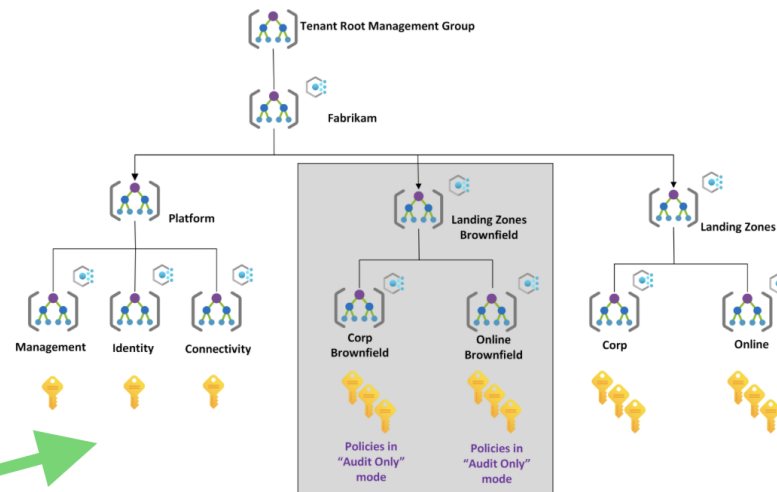
Migration approach using "Audit Only" mode policies and hierarchy

Brownfield landing zone considerations

Enhance

Azure landing zones FAQ

- Duplicate the *Landing Zones* Management Group as well as its children (Corp & Online), including all the policy assignments with configuring them to *audit only* mode, by setting the *Enforcement Mode on the policy assignments to DoNotEnforce/Disabled*. This approach allows getting into the new desired target architecture very quickly and then the applications teams can start to assess the policies applied without the risk of impacting any of the running applications.



- (optional) Work with application or service teams to migrate the workloads deployed in the original subscriptions into new Azure subscriptions, per the guidance in [Transition existing Azure environments to the Azure landing zone conceptual architecture](#). They can be placed into the newly duplicated management group hierarchy under the correct management group – corp brownfield or online brownfield.





Networking – AVNM

Network topology and connectivity

Overview

Topology

Define an Azure network topology

Traditional Azure networking topology

Virtual WAN network topology (Microsoft-managed)

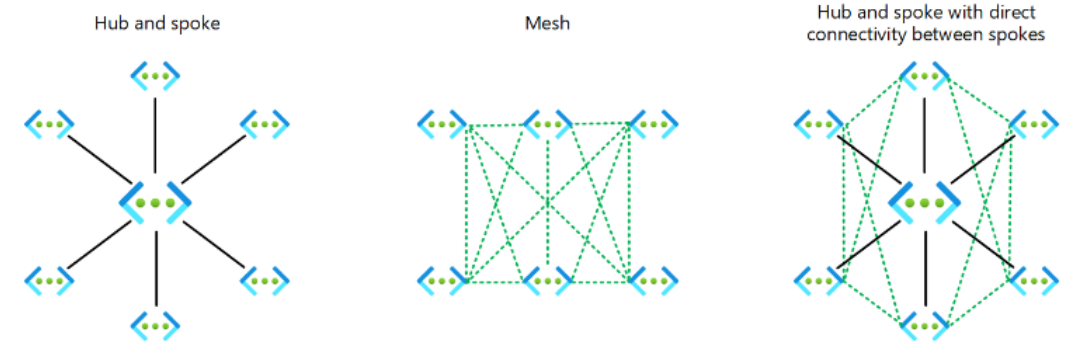
Plan for IP addressing

Azure Virtual Network Manager in Azure Landing Zones

The Azure Landing Zones conceptual architecture recommends one of two networking topologies: an Azure Virtual WAN-based network topology or a network topology based on a traditional hub and spoke architecture. As the business requirements change over time (for example, migration of on-premises applications to Azure that requires hybrid connectivity), AVNM allows you to expand and implement networking changes, in many cases, without disrupting what is already deployed in Azure.

Azure Virtual Network Manager allows you to create three types of **topologies** across subscriptions for both existing and new virtual networks:

- Hub and spoke topology
- Hub and spoke topology with direct connectivity
- Mesh topology (Preview)



Note

Azure Virtual Network Manager does not support Azure Virtual WAN hubs as part of a network group or as the hub in a topology. For more information, see [Azure Virtual Network Manager FAQ](#).



New Addition to CAF



Networking – Multi-Region DNS

Network topology and connectivity

Overview

> Topology

> Connectivity

> Network security

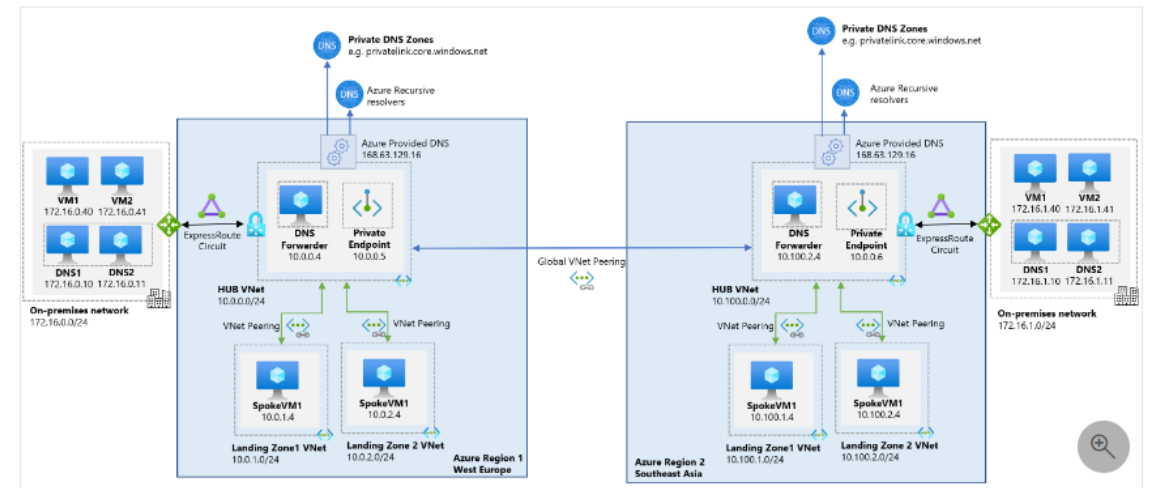
> Resources

Private Link and DNS integration at scale

DNS for on-premises and Azure resources

Plan for virtual machine remote access

While the previous diagram depicts a single hub and spoke architecture, customers might need to extend their Azure footprint across multiple regions to address resiliency, proximity or data residency requirements, several scenarios have emerged where the same Private-Link-enabled PaaS instance must be accessed through multiple Private Endpoints (PE's).



The following diagram shows a typical high-level architecture for enterprise environments with central DNS resolution deployed in the hub (one per region) where name resolution for Private Link resources is done via Azure Private DNS.

It is recommended to deploy multiple regional private endpoints associated to the PaaS instance, one in each region where clients exist, enable per-region Private Link and Private DNS Zones. When working with PaaS services with built-in DR capabilities (geo-redundant storage accounts, SQL DB failover groups, etc.), multiple region Private Endpoints are mandatory.

This scenario requires manual maintenance/updates of the Private Link DNS record set in every region as there is currently no automated lifecycle management for these.

For other use cases, a single global Private Endpoint can be deployed, making accessible to all clients by adding routing from the relevant regions to the single Private Endpoint in a single region.



COMING SOON



Application development environments in Azure landing zones

Application development environments in Azure landing zones

Article • 12/01/2023 • 3 contributors

[Feedback](#)

In this article

[Environments, Subscriptions, and Management Groups](#)
[Next steps](#)

Development teams want limited interference with the ability to iterate quickly, while cloud governance and platform teams need to solve for organizational risk, compliance, and security at scale. Azure landing zone's [design principles](#) guide customers to adopt policy-driven governance and Subscription democratization as two key principles. These provide foundational guard rails, while also delegating many controls to application teams. These applications teams design their workload using guidance from the [Azure Well-Architected Framework](#), then deploy and manage their own landing zone resources; whilst being controlled by Azure policies assigned by the platform team.

A key part of this approach is to provide sandbox resources for "semi-governed" resources that allow for application teams to explore technologies and capabilities.

This article provides guidance for how cloud platform teams can provide guardrails in Azure. The article gives guidance on how an organization can fit different applications into this framework. A key aspect is placing environment subscriptions in appropriate management groups.

When application owners use [Subscription Vending](#) or other subscription creation tools, it's important to have clarity about how to request subscriptions for multiple development environments.

In this guide, we talk both about the Azure landing zone - the management group architecture - and the workload or application landing zone.

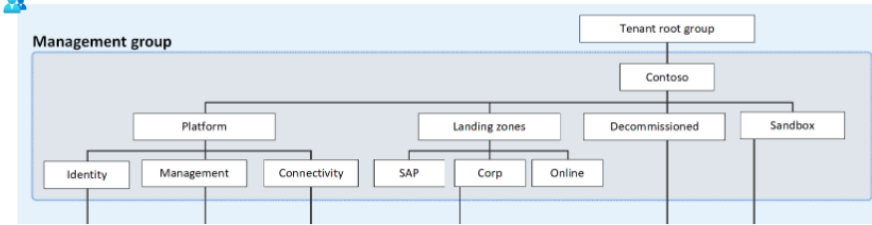
Note

This is for workload landing zones only. For testing and environment segregation on the platform itself, review the testing approach for enterprise-scale (Canary approach).

Challenges with having environment based management groups

Building management groups for for environments within the archetypes creates more management overhead, while providing little value.

Management group and subscription organization



The *Landing Zone* management group should have universal policies that enforce guardrails for both Corp and Online. Corp and Online have unique policies to enforce company guidelines around public and private facing workloads.

Many organizations think that they should create management groups for different workload SDLC environments and assign environmental policies and controls. In practice, this creates more challenges for workload teams than it solves. Policies should not differ between SDLC environments, and so separate management groups for those environments is not suggested.


For application owners, there's significant risk in changing the topology or resource configuration of a workload as it's promoted through the different SDLC environments just to align to policies specific to that environment. Per-environment rules results in a poor development experience for developer and quality assurance teams. If an application is built with one set of guardrail policies that works in one environment but is exposed to a different set later in its promotion cycle, this can create issues. Applications might have to be reworked due to changing controls.

To prevent this rework, policies should remain consistent throughout promotion of code through SDLC environments. Platform teams should not build policies for each environment, but instead provide a consistent set for all non-Sandbox development environments.





ALZ Policy Testing Framework

Wiki content 

- [What's New?](#)
- [Community Calls](#)
- [Frequently Asked Questions \(FAQ\)](#)
- [Known issues](#)
- [What is Enterprise-Scale](#)
 - [Architecture](#)
 - [Policies](#)
 - [Policies FAQ & Tips](#)
 - [Policies Testing Framework](#)
 - [What is the reference implementation?](#)
 - [Pricing](#)
 - [What if I already have an existing Azure footprint](#)

Azure Landing Zone Policy Testing Framework

Overview

The ALZ Policy Testing Framework is a set of tools and scripts that can be used to test Azure Policies do what is expected and prevent breaking regressions. The framework is designed to be used with pipelines as part of CI/CD processes to test policies as they are developed and integrated to ultimately improve the quality and stability of policies going into production environments.

This framework is based on the work done by @fawohlsc in this repo [azure-policy-testing](#), and is built on the well established PowerShell testing framework [How to write Pester tests for policies](#)

For ALZ, the focus is on testing organizations if a regression in production environments. For the purposes of this guide, we'll focus on the Policy test for `Deny-MgmtPorts-Internet` policy as it demonstrates using both Az PowerShell and REST API calls in the Pester test. The policy definition file is located in the `policy` folder of the [ALZ repository](#) in the `policy` folder.

NOTE: The ALZ team a DeployIfNotExists.

The policy tests are designed to run in an empty subscription(s) to ensure that the policy is evaluated in isolation and not impacted by other policies or resources in the subscription.

For authoring tests we still implement and read, how through Az PowerShell. To calls and make it easier to

NOTE: Because we are testing Azure policies in the context of Azure Landing Zone, we are using a dedicated subscription in the "Corp" landing zone that is added under the Corp management group, where we retrieve the deployed policy definition ID and create a new policy assignment to test the policy (because we do not assign all policies by default, and some get assigned to different scopes). You can extend this methodology to test policies outside of Azure Landing Zone by deploying the policy etc.

Prerequisites

- An empty (dedicated) management group
 - If following the: management group
- [Pester](#)
- [Az PowerShell Module](#)
- [Invoke-AzRestMethod](#)

The policy test has 4 main

DENY - group of tests to validate scenarios that where the policy effect is applied and deployment should fail.

BeforeAll: This section is

As an example, using Az PowerShell:

```
# Set the default context
Set-AzContext -SubscriptionId $SubscriptionId

if (-not [String]::IsNullOrEmpty($deployment)) {
    Write-Information "Deploying policy definition"
    $definition = Get-AzPolicyDefinition -Name $PolicyName -ResourceGroup $ResourceGroupName
    New-AzPolicyAssignment -Name $PolicyName -ResourceGroup $ResourceGroupName -Definition $definition
}

$definition = Get-AzPolicyDefinition -Name $PolicyName -ResourceGroup $ResourceGroupName
New-AzPolicyAssignment -Name $PolicyName -ResourceGroup $ResourceGroupName -Definition $definition
```

```
It "Should deny non-compliant port '3389'" -Tag "deny-noncompliant-nsg-port" {
    AzTest -ResourceGroup {
        param($ResourceGroup)

        $networkSecurityGroup = New-AzNetworkSecurityGroup `
            -Name "nsg-test" `
            -ResourceGroupName $ResourceGroup.ResourceGroupName `
            -Location $ResourceGroup.Location

        # Should be disallowed by policy, so exception should be thrown.
        {
            $networkSecurityGroup | Add-AzNetworkSecurityRuleConfig `
                -Name RDP-rule `
                -Description "Allow RDP" `
                -Access Allow `
                -Protocol Tcp `
                -Direction Inbound `
                -Priority 200 `
                -SourceAddressPrefix "*" `
                -SourcePortRange "*" `
                -DestinationAddressPrefix "*" `
                -DestinationPortRange 3389 # Incompliant.
            | Set-AzNetworkSecurityGroup
        } | Should -Throw "*disallowed by policy*"
    }
}
```

In this example, we are creating a new Network Security Group (NSG) and adding a rule to allow RDP traffic on port 3389. The policy we're testing is configured to deny traffic on port 3389, so we expect this operation to fail. We use the `Should -Throw` command to validate that the operation failed with the expected error message.





ALZ Portal Updates

aka.ms/alz/portal



- Virtual WAN Routing Intent Support – Thanks Recep 🙌
- VPN GW Active/Active Config Support – Thanks Terry 🙌
- Azure Firewall Basic IP Subnet Clashes & Bug When Deployed With VPN GWs – Thanks Sacha & Jack 🙌
- Support Added For Italy North Region – Thanks Jack & Jared 🙌
- AMBA Added As New Blade – Thanks Jan & Arjen 🙌





ALZ Policy News

aka.ms/alz/policies



- New Backup initiative and updates
 - Immutability audit
 - Storage account backup
 - Vault private endpoints
 - Working with PG to create new policies
 - *New Assignment*
- New Zone Resilience initiative
 - Audit Zone Resiliency based for supporting resources
 - *New Assignment*
- Diagnostics Settings
 - Dependency on versioning (delayed)
 - Looking for a way forward in short term





AMBA – It's GA!






AMBA Updates

aka.ms/amba/patterns/alz



- Finished migration to the new AMBA repo. It's GA! - Thanks Jan, Sacha, Bruno, Alex, Paul, Bryan, Joseph, Arjen 🙌
- Added to ALZ Portal deployment – Thanks Jan & Sacha 🙌
- Service Health Granular Deployment Flexibility – Thanks Bruno 🙌
- Documentation updates – Thanks Bryan 🙌
- Added guidance on how to deploy only Service Health alerts - Thanks Arjen 🙌
- Added support for adding multiple email address in Action Group – Thanks Bruno 🙌
- New alerts – Thanks Alex 🙌
 - Application gateway
 - Load balancers
 - Express route ports





AMBA Roadmap

aka.ms/ambapatterns/alz



- Landing zone initiative v2
 - Front door (classic)
 - Front door (CDN profiles)
 - App Services
 - Traffic Manager
- Decoupling Service Health initiative deployment from Action Group and Alert Processing rules
- Extending existenceCondition to detect and remediate configuration drift
- ALZ Portal updates
- Action Group Actions and Notifications flexibility
 - Web and secure webhook
 - Logic Apps
 - Event hub
 - ARM roles
 - Azure Function
 - Automation Runbook
- AMBA for ALZ Bicep/ Terraform





MMA Deprecation Update



MMA → AMA or Alternatives Update



- We have been working on this for a while – over a year 🧠
 - And it's still a work in progress – it's complex
- UMC, Change Tracking, Sentinel, MDFC (and all its plans), VM Insights, Policies, Managed Identities etc.
 - We've had policies fixed that had hardcoded regions to East US, hardcoded VM SKU lists and more
- We think we might finally have all the pieces of the puzzle to piece it together for ALZ customers
 - MDFC is the last piece of the puzzle and we're working closely with the PG
 - April 2024 for MDFC for VMs parity to MMA (best case timeline, may slip)





ALZ Terraform vNext Update



ALZ Terraform Module vNext

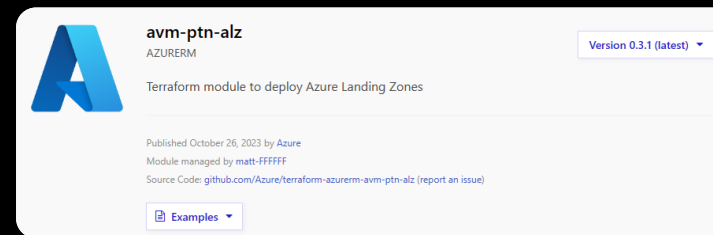
New Pattern Module: aka.ms/avm-ptn-alz

(Backed by the ALZ Terraform Provider: aka.ms/tf-pdr-alz)

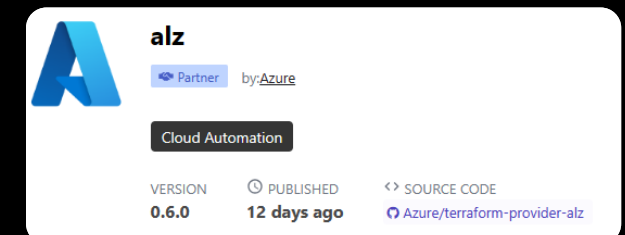
Example usage: aka.ms/avm-ptn-alz-example

Scope of the new module

- Management groups
- Policy
- Role Assignments



The screenshot shows the Azure Marketplace page for the 'avm-ptn-alz' Terraform module. The page features the Azure logo, the module name 'avm-ptn-alz' with 'AZURERM' below it, and a 'Version 0.3.1 (latest)' dropdown menu. The description reads 'Terraform module to deploy Azure Landing Zones'. It also includes publication details: 'Published October 26, 2023 by Azure', 'Module managed by matt-fffff', and 'Source Code: github.com/Azure/terraform-azure-avm-ptn-alz (report an issue)'. An 'Examples' dropdown menu is visible at the bottom.



The screenshot shows the Azure Marketplace page for the 'alz' Terraform provider. It features the Azure logo, the name 'alz', and a 'Partner by Azure' badge. A 'Cloud Automation' badge is also present. The page displays the version '0.6.0', the publication date '12 days ago', and a link to the 'SOURCE CODE' at 'Azure/terraform-provider-alz'.

How to build a Landing Zone

Compose the modules together

- Azure/avm-ptn-alz: Management groups and policy
- Azure/alz-management: Management resources like log analytics, etc
- Azure/hubnetworking: Hub networking with vNet or vWan
- Azure/vnet-gateway: vNet gateways
- Etc...

Azure Verified Modules (AVM)?

- These modules will be renamed to align with AVM soon!

```
10 module "alz_management_resources" {
11   source = "Azure/alz-management/azurerm"
12   version = "~> 0.1.0"
13
14   automation_account_name = module.naming.automation_account.name_unique
15   location                 = local.default_location
16   log_analytics_workspace_name = module.naming.log_analytics_workspace.name_unique
17   resource_group_name      = module.naming.resource_group.name_unique
18 }
19
20 # This allows us to get the tenant id
21 data "azurerm_client_config" "current" {}
22
23 module "alz_archetype_root" {
24   source = "Azure/avm-ptn-alz/azurerm"
25   id     = "${random_pet.this.id}-alz-root"
26   display_name = "${random_pet.this.id}-alz-root"
27   parent_id   = data.azurerm_client_config.current.tenant_id
28   base_archetype = "root"
29   default_location = local.default_location
30   default_log_analytics_workspace_id = module.alz_management_resources.log_analytics_workspace.id
31   delays = {
32     before_management_group_creation = {
33       create = "0s"
34     }
35   }
36 }
37
38 module "alz_archetype_landing_zones" {
39   source = "Azure/avm-ptn-alz/azurerm"
40   id     = "${random_pet.this.id}-landing-zones"
41   display_name = "${random_pet.this.id}-landing-zones"
42   parent_id   = module.alz_archetype_root.management_group_name
43   base_archetype = "landing_zones"
44   default_location = local.default_location
45   default_log_analytics_workspace_id = module.alz_management_resources.log_analytics_workspace.id
46 }
47
48 module "alz_archetype_platform" {
49   source = "Azure/avm-ptn-alz/azurerm"
50   id     = "${random_pet.this.id}-platform"
51   display_name = "${random_pet.this.id}-platform"
52   parent_id   = module.alz_archetype_root.management_group_name
```

Demo and Roadmap

Can I use it now?

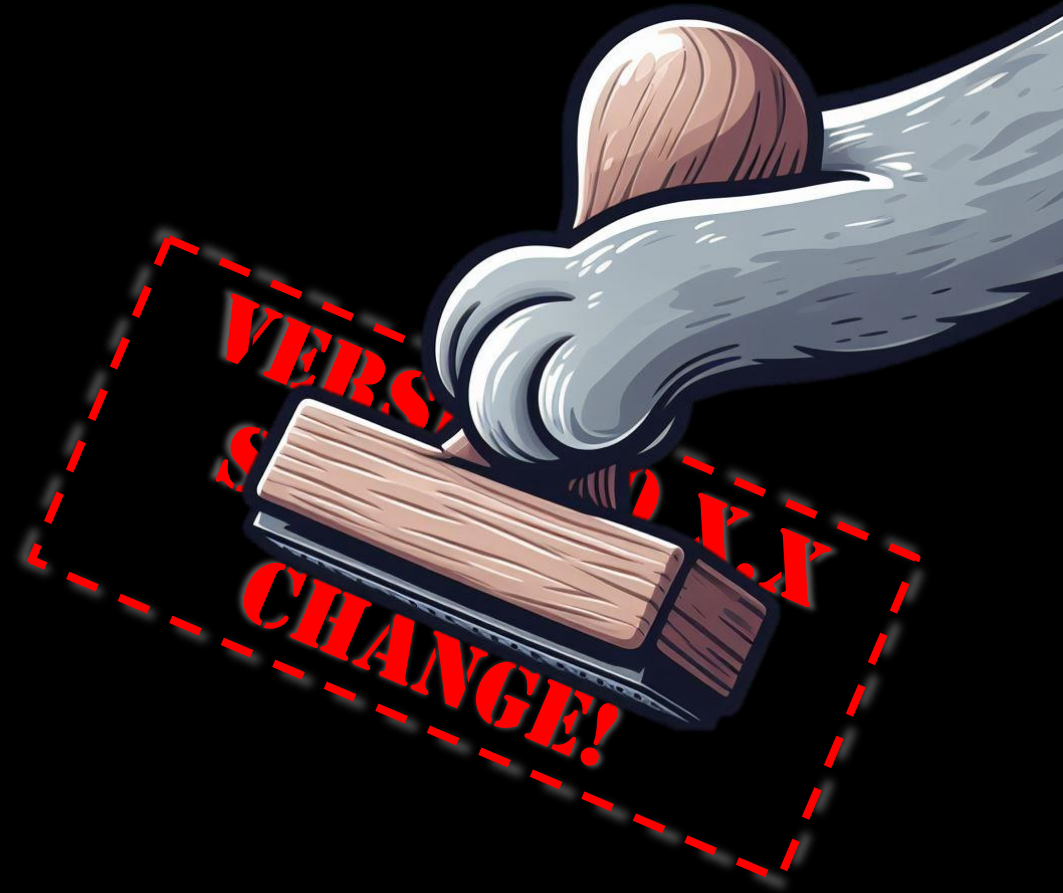
- Yes. We want you to try it out now!
- Give us feedback by raising issues and / or PRs in GitHub.

What's coming next?

- Improvements based on your and internal feedback
- Subscription placement
- Migration path
- Documentation
- End to end example in the ALZ Terraform Accelerator: aka.ms/alz-tf-acc

What does it look like?

- Demo Time!





Asks to the community





Help us shape the ALZ roadmap with these two short surveys!

1. Enabling multi-region support out of the box for ALZ

- Complete/fill out this [survey](#) for us

2. Tell us about how you deploy workloads!

- Complete/fill out this [survey](#) for us (takes two minutes)





Q & A

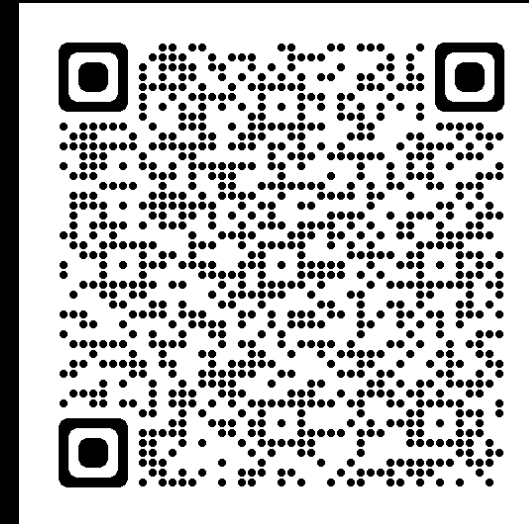


Next Community Call will be in 11th March 2024 👍



Back to an US friendly time slot for this occurrence and then the one after will be back to this time slot 👍

Stay tuned to [issue #1491](#) (ALZ/ESLZ Repo)



Recordings will be available at:
aka.ms/ALZ/Community





This month's presenters:



Thank You! 🙌



Stay up-to-date:
<https://aka.ms/ALZ/WhatsNew>