

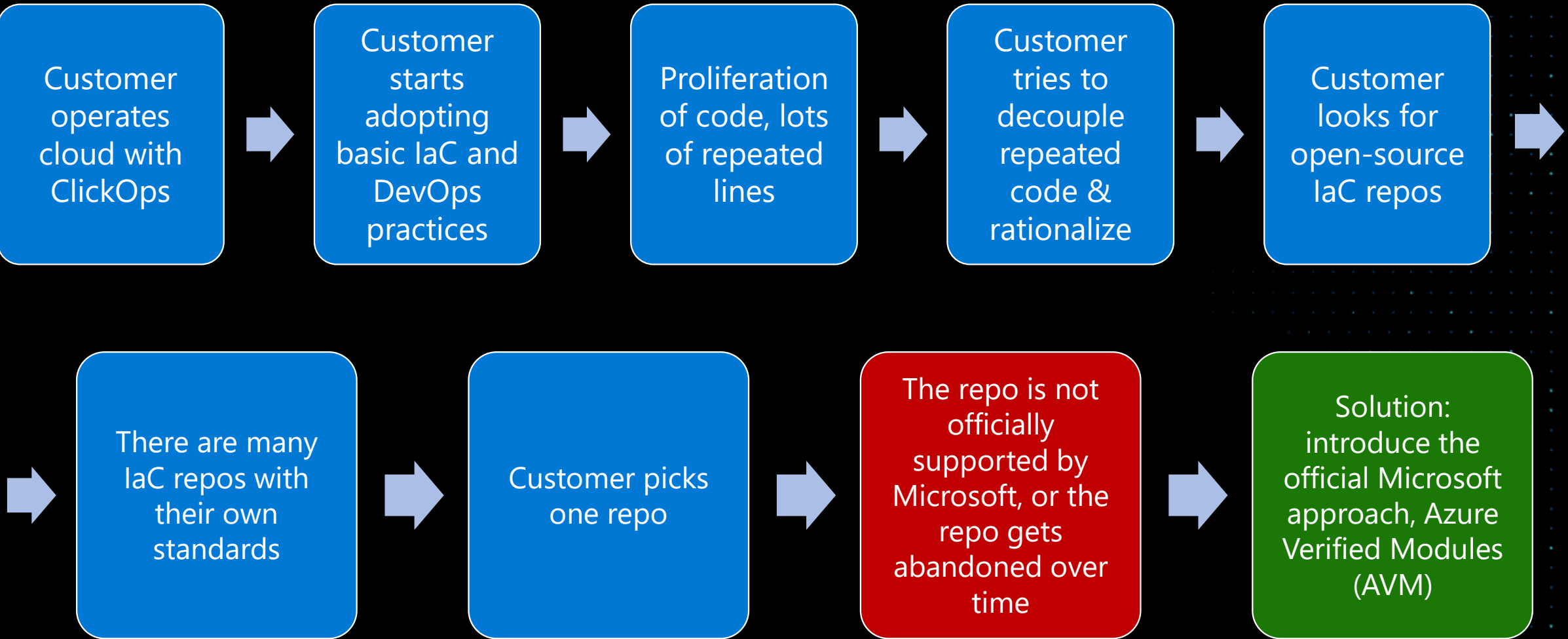


Azure Verified Modules (AVM)

The Microsoft IaC Module Strategy for Bicep & Terraform



Problem Statement from our Customers



What is our mission?



"Our mission is to deliver a **comprehensive Azure Verified Modules library** in **multiple IaC languages**, following the principles of the **well-architected framework**, serving as the **trusted Microsoft source of truth**.

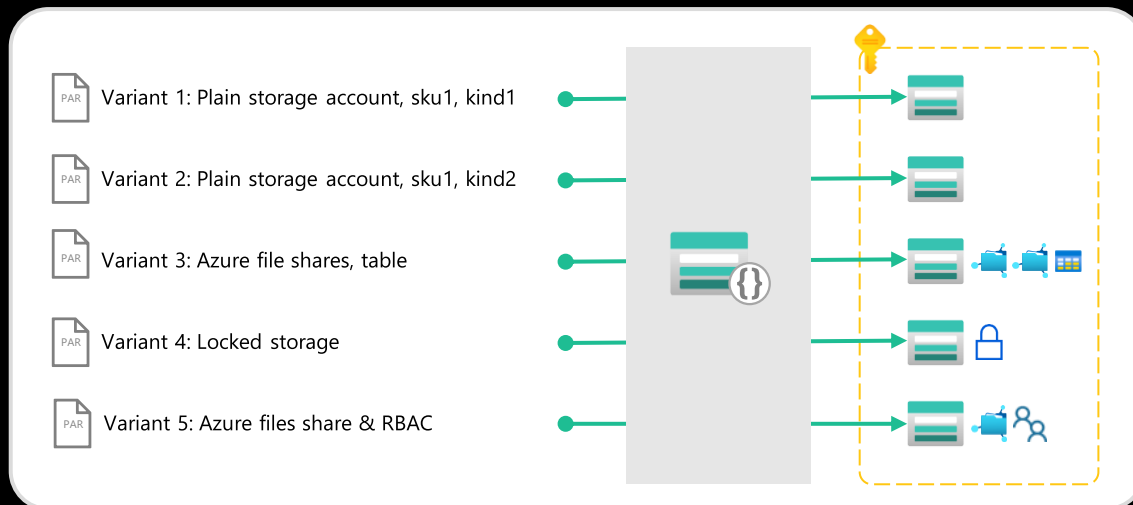
Supported by Microsoft, AVM will **standardize and accelerate the deployment** of Azure **resources** and **architectural patterns**, empowering every person and organization on the planet on their IaC journey."



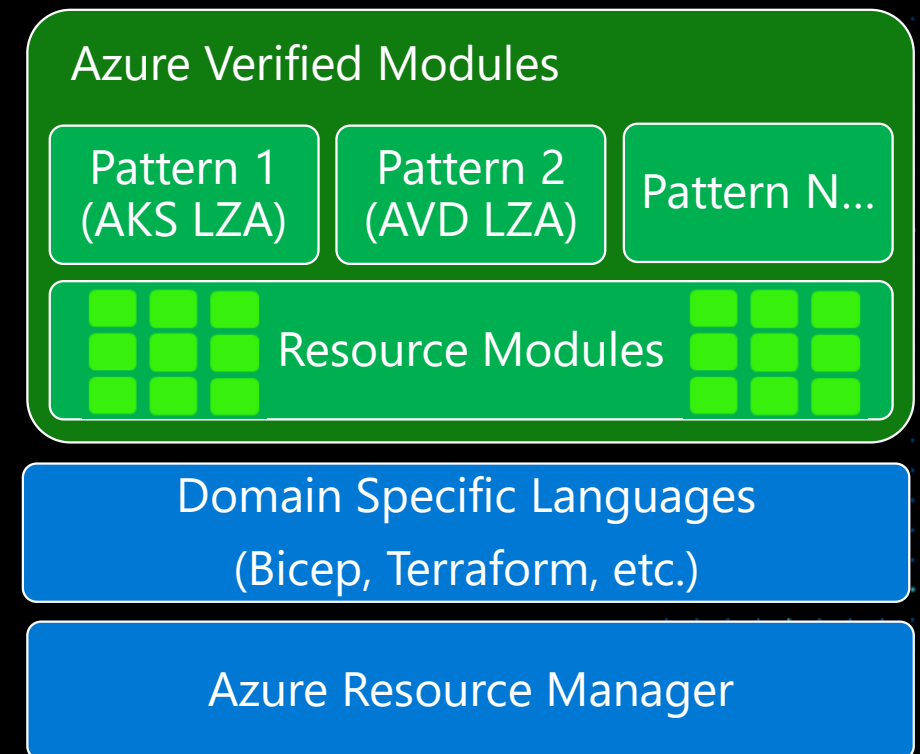
Azure Verified Modules (<https://aka.ms/AVM>)



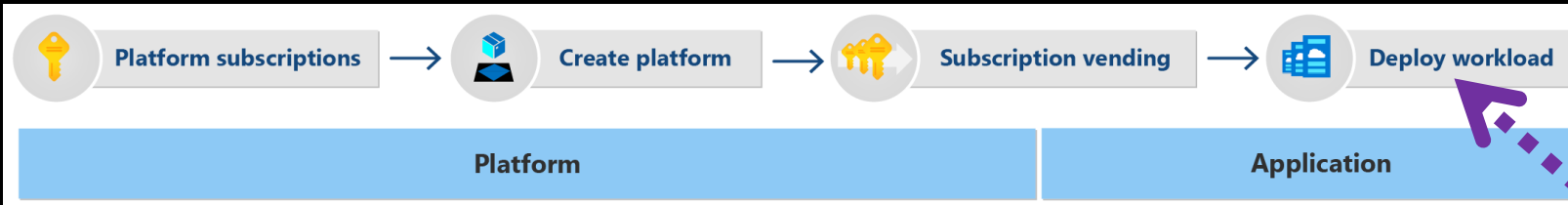
- AVM is a **community driven initiative** to consolidate and set the standards **for Infrastructure-as-Code modules**.
- AVM modules are **composable building blocks** that encapsulate groups of resources dedicated to one task. These modules are used to **deploy Azure resources** and their **extensions consistently**.
- AVM **accelerates** the **delivery** of cloud-native or migrated **applications and** their supporting **infrastructure**, **reliably/consistently** and **at scale**, by codifying Microsoft guidance (WAF), with best practice configurations (Resiliency and Security by default).



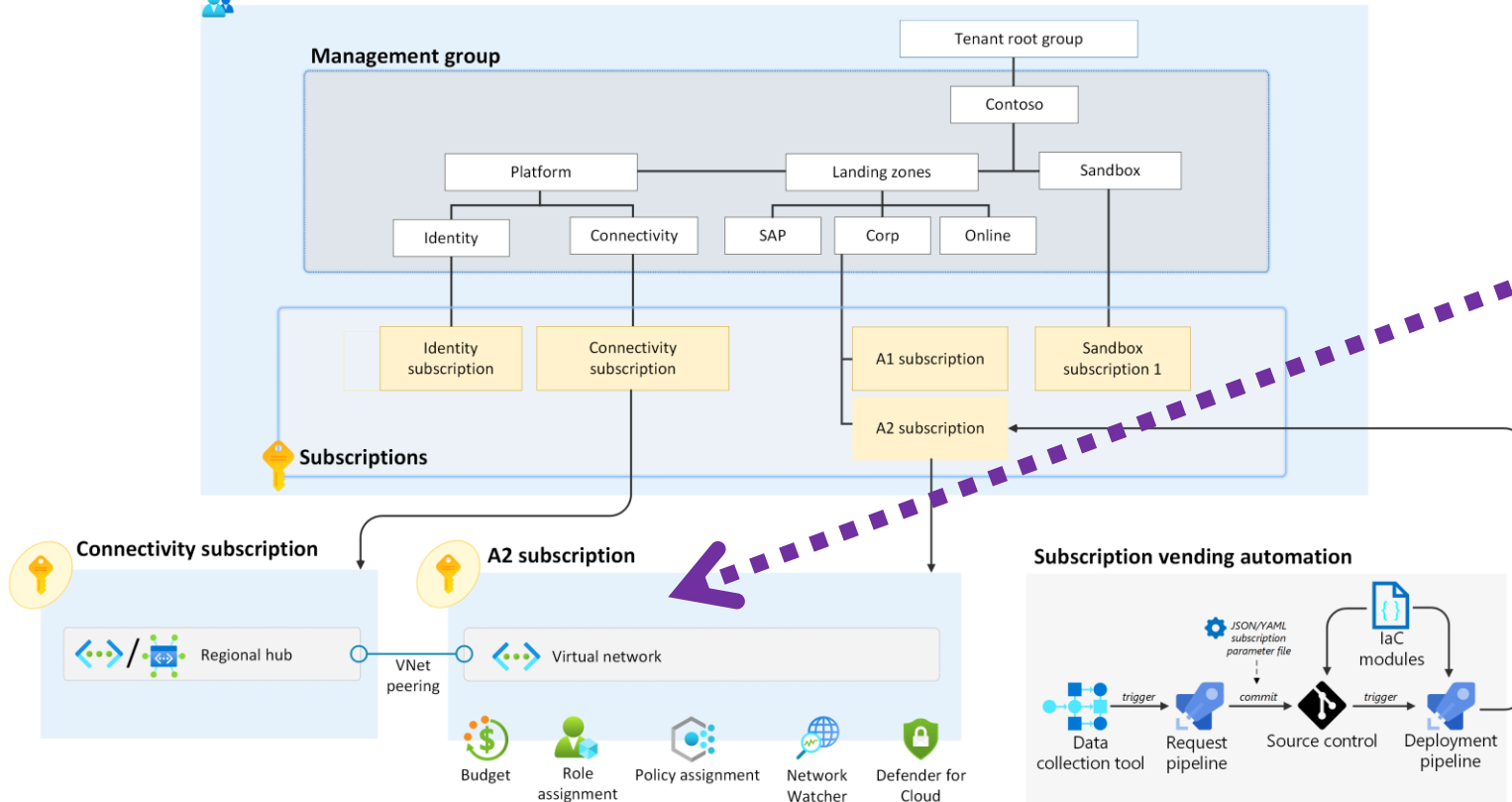
Flexible, generalized, **multi-purpose**
Integrates **child resources**
Integrates **extension resources**



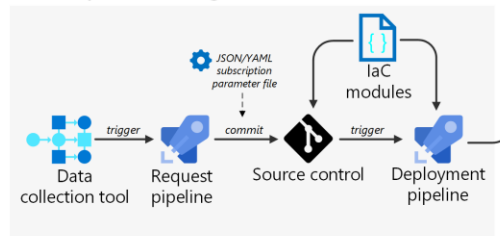
Where does AVM fit in our customer journey?



Management group and subscription organization



Subscription vending automation



AVM is targeted towards customers wishing to **build, construct and deploy workloads** into their **application landing zones (subscriptions)**.

Whether **self-constructed** from **resource modules** or using **pre-built pattern modules**

These customers have typically already deployed ALZ using our [existing implementation options](#)

Website



aka.ms/AVM

Azure Verified Modules

Search...

Azure Verified Modules

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Last updated: 05 Feb 2024

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Azure Verified Modules

Tip

Before submitting a new [module proposal](#) for either Bicep or Terraform, please review the FAQ section on "CARML/TFVM to AVM Evolution Details"!

What are they? How can I get involved?

Where can I learn more? What value do they offer?

Megtekinthető itt: [YouTube](#) use them? What problems do they solve?

Value Proposition

Azure Verified Modules (AVM) is an initiative to consolidate and set the standards for what a good Infrastructure-as-Code module looks like.

Modules will then align to these standards, across languages (Bicep, Terraform etc.) and will then be classified as AVMs and available from their respective language specific registries.

AVM is a common code base, a toolkit for our Customers, our Partners, and Microsoft. It's a community driven aspiration, inside and outside of Microsoft.

Azure Verified Modules enable and accelerate consistent solution development and delivery of cloud-native or migrated applications and their supporting

Learn about AVM



Module indexes
<https://aka.ms/AVM/ModuleIndex>

Module classifications
<https://aka.ms/AVM/ModuleClassifications>

What does “Verified” mean?
<https://aka.ms/AVM/Verified>

FAQ
<https://aka.ms/AVM/FAQ>

Telemetry
<https://aka.ms/AVM/Telemetry>

Module Support
<https://aka.ms/AVM/Support>

Using AVM
<https://aka.ms/AVM/Using>

Contributing
<https://aka.ms/AVM/Contributing>

Resources



✓ Introducing Azure Verified Modules

- Azure Verified Modules public website - <https://aka.ms/AVM>
- Intro video: <https://aka.ms/AVM/intro>
- Intro blog: <https://aka.ms/AVM/intro/blog>
- FAQ: <https://aka.ms/AVM/FAQ>
- Module Index: <https://aka.ms/AVM/ModuleIndex>
- Propose a new module: <https://aka.ms/AVM/ModuleProposal>

🧪 Try out AVM using our labs:

- Bicep lab: <https://aka.ms/avm/bicep/labs>
- Terraform lab: <https://aka.ms/avm/tf/labs>

🧬 Lifecycle and getting help/support

- Request new feature/report bug for existing module
 - Bicep: <https://aka.ms/AVM/Bicep/ModuleIssue>
 - Terraform: create an issue on the repo of the module in question
- Generic question for AVM: <https://aka.ms/AVM/QuestionFeedback>



Thank you!