Landing Page

Disaggregate your application workloads to improve business outcomes

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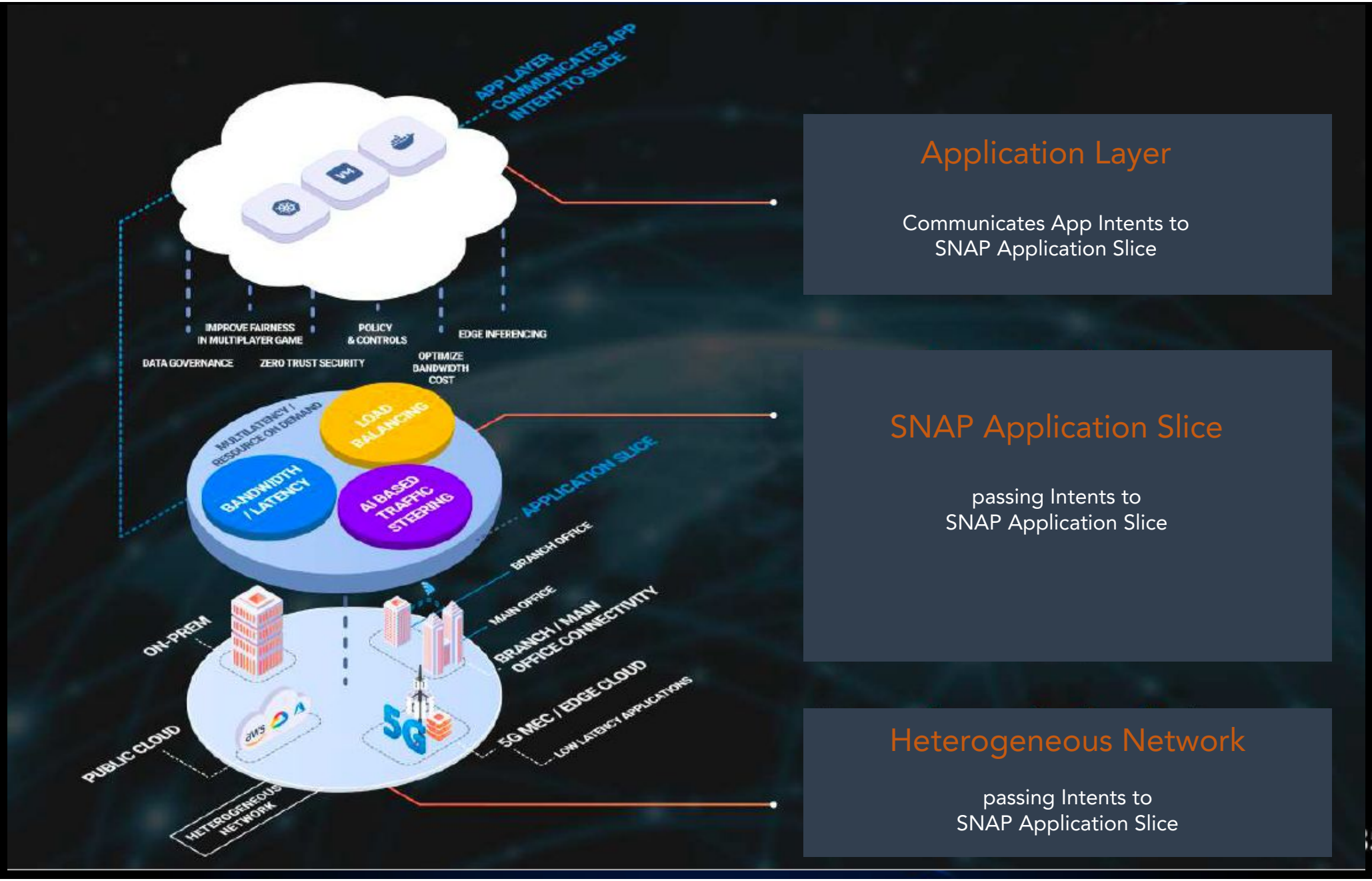
Avesha SNAP

Platform that creates Application Slices

Avesha SNAP:
A platform to create
Application Slices

Application Slice is the "Surface Area" for Disaggregation

Application Slice is an application specific overlay topology created by the Avesha SNAP platform upon which disaggregated workloads can run seamlessly and efficiently.
The Slice is an abstraction of the application interconnect where network resources are grouped & optimized to cater to application specific needs.



Application Layer

Communicates App Intents to
SNAP Application Slice

SNAP Application Slice

passing Intents to
SNAP Application Slice

Heterogeneous Network

passing Intents to
SNAP Application Slice

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Zero Touch

- Zero Touch
- Infrastructure Agnostic
- AI/RL Optimized Topology
- Configurability

Minimal changes need to your application to spin up, connect & configure a SNAP Application Slice

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Infrastructure Agnostic

- Zero Touch
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- AI/RL Optimized Topology
- Configurability

Workloads running on a SNAP Application Slice can seamlessly deploy and distribute over any underlay network infrastructure.

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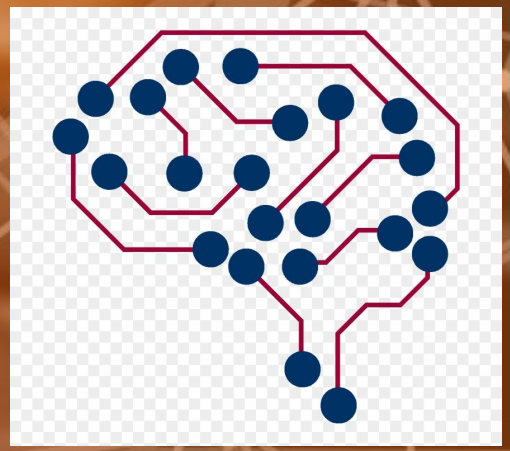
AI/RL Optimized Topology

- Zero Touch
- Infrastructure Agnostic
- AI/RL Optimized Topology
- Configurability

SNAP Application Slice uses AI & RL (Reinforcement Learning) to secure optimum paths for application data movement across wide area endpoints.



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Configurability

Zero Touch

Infrastructure Agnostic

AI/RL Optimized Topology

Configurability

A SNAP Application Slice can be configured & automated to do whatever the application needs (Data governance, Policy & Security Enforcement, Segmentation, Resource Optimization)

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Avesha Products

Products

B2B Hybrid/Multi Cloud Inter-Connect

enables workloads to be seamlessly disaggregated to a distributed infrastructure.

Create & configure an Application Slice to connect all endpoints, eliminating the complexities in dealing with network connectivity for dispersed application workloads.

Edge Latency Normalization

ensures normalized latency for all players in a multiplayer game or a head-to-head tournament for fairness and best gameplay experience.

Create & configure an Application Slice to connect all players, game servers and edge workloads to normalize latencies, startup times & bandwidth use for all players in a game. Segment gameplay traffic from social & wagering.

Data Movement Optimizer

uses AI/RL to optimize data movement & enforces data related policies & security.

Create and configure Application Slice to capture rules, metrics, policies, SLAs and let the Slice enforce and manage them for the application.

Edge AI Inferencing, Modeling & Interactive Annotations

Enables the creation, training and running of AI models on the Edge to deliver results in real time.

Create & configure an Application Slice to find the best GPU to run the AI model, synchronize video, other annotations in real time for instantaneous & optimum performances.

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