# Preparing For a FutureMicroservices Journey

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Virtualization

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Virtualization

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## How can a small team handle infrastructure complexities and deliver business value?



#### **Business Domain Focus**

#### Visible Business Value



Distinguishes your organization competitively from all others



Build the things that differentiate you, Offload the things that don't.

Build the things that differentiate you



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Build the things that differentiate you



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Offload by getting common building blocks managed

## **Cloud Native**

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w/ Container Orchestration









Single Concern Reusability Replacability





#### High Observability







#### High Observability



#### Life-Cycle Conformance



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#### High Observability



#### Life-Cycle Conformance



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Self-Containment Configuration **Build Time** Runtime

Prod

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## Cloud Native Citizen Principles



## Cloud Native Citizen Principles



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## Separation Of Concerns

Service Mesh









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**Event-Driven Workflow Ephemeral Function** Function Event Auto-Scaling Pay-per-Execution Fully Managed By Third Party 111111 -IIII-0 IIII-0 0 111111 111111 Virtualization Hardware O/S Container Runtime Data Store

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One function per endpoint and action



• Integrating of 3<sup>rd</sup> Party Services



## Be aware of ...





New primitives

Cognitive load

Build the things that differentiate you, Offload the things that don't





# THANK YOU

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