Microsoft

Monitoring your workload hosted on Microsoft Azure

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Agenda

- Need of Monitoring
- Various Monitoring Services
- Getting GDPR Ready (DSR) – Azure Policy
- References
- Q & A

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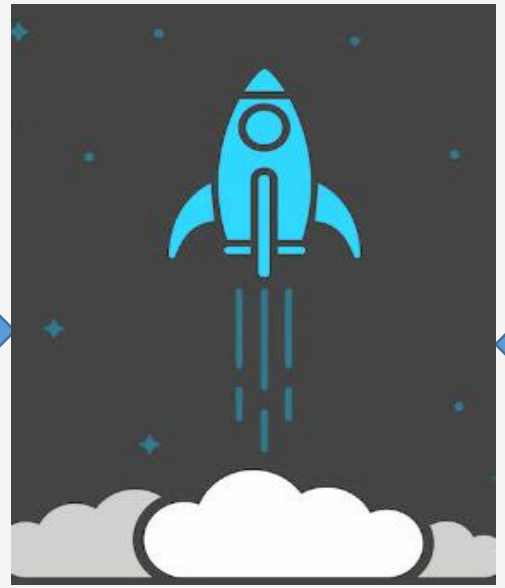
Need of Monitoring

Monitoring != Security

Monitoring

Objective – Ensuring no downtime



Security

Objective – Ensuring protection of data and assets

Keep Business Running

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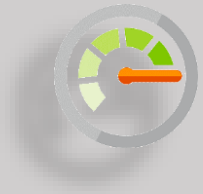
Monitoring Services in Azure

Azure Monitor



Log Analytics (OMS)

Application Insights

Network Watcher

Core Monitoring Services (Application + Infrastructure)

Azure DDoS Protection

Azure Security Center

Azure Advisor

Marketplace

Advisory and 3rd Party Solutions (Application + Infrastructure)

Alerts

Metrics

Logs

Dashboard

Shared Capabilities

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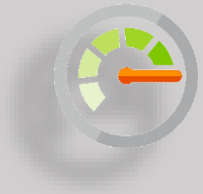
Monitoring Services in Azure

Azure Monitor



- **Core Monitoring Services**
- **Collection of Metrics, Activity and diagnostics Logs**

Log Analytics

- **Part of OMS Suite – Pure Infrastructure Monitoring**
- **Containers, AD, Threat Detection, Logs, Queries, Power BI Datasets**

Application Insights

- **Application Level Monitoring**
- **Value Add logs, Performance, Latency, Live Monitoring**

Network Watcher

- **Designed for Azure Networks**
- **Validates Connectivity and NSG**

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* Disclaimer – Few Services / Configurations / Options are in Preview

Demo

- DDoS
- Network Watcher
- Azure Monitor
- Log Analytics
- Application Insight
- Azure Security Center
- Azure Advisor

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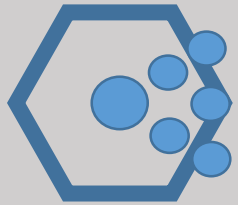
Azure Policy

Policy != RBAC

Azure Policies



- Define and Enforcement of Policy (Standards)
- During the Deployment and the existing deployment
- Subscription Level and Resource Group Level
- Define → Apply → Compliance

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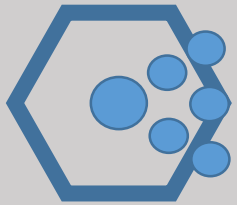
Demo

Azure Policies



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            "then": {
                "effect": "deny"
            }
        }
    }
}
```

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References

- **http://www.e-zest.com/monitoring-your-microsoft-azure-workload**
- **http://www.dotnetcurry.com/author/vikram-pendse**
- **https://azure.microsoft.com**
- **https://www.microsoftazurevidyapeeth.com/**

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https://bit.ly/2wWgCiE

https://bit.ly/2O1GqBn

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Thank You

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