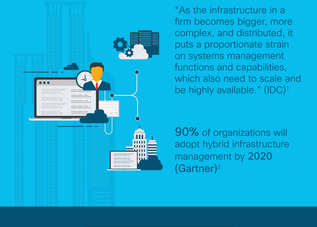
Advantages of Cloud-Based Systems Management

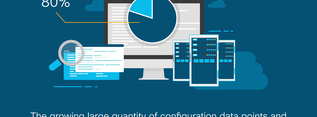
Managing enterprise infrastructure today is a complex job



"As the infrastructure in a firm becomes bigger, more complex, and distributed, it puts a proportionate strain on systems management functions and capabilities, which also need to scale and be highly available." (IDC)[1]

90% of organizations will adopt hybrid infrastructure management by 2020 (Gartner)[2]

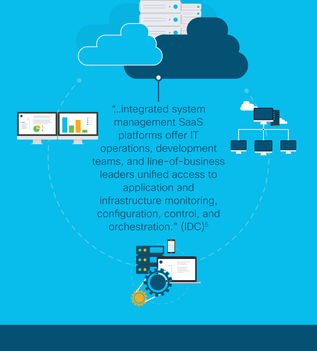
Pushing the limits



The growing large quantity of configuration data points and connections aggregated from data center deployments, edge, cloud and IoT will increase IT ops complexity, countering trends in software-defined simplicity. (Gartner)[3]

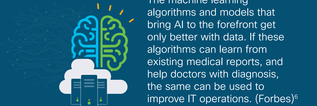
Through 2022, 80% of organizations implementing cloud management will need, at minimum, four tools to address hybrid and multicloud management requirements (Gartner)[4]

Organizations are adopting cloud-based management platforms



"...integrated system management SaaS platforms offer IT operations, development teams, and line-of-business leaders unified access to application and infrastructure monitoring, configuration, control, and orchestration." (IDC)[5]

Next generation intelligent automation



The machine learning algorithms and models that bring AI to the forefront get only better with data. If these algorithms can learn from existing medical reports, and help doctors with diagnosis, the same can be used to improve IT operations. (Forbes)[6]

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Source:

[1] IDC analyst connection, considerations for adoption of AI-Driven, Cloud-Based Systems Management Platforms, July 2017

[2] Gartner press Release: "Gartner says a massive shift to Hybrid Infrastructure Services is underway." April 5, 2017

[3] "New generations of integrated systems will apply AI and emerge as Self-Organizing Systems of Intelligence", Gartner, G00337206, August 2017

[4] Gartner: "Market guide for Cloud Management Platforms", April 25, 2017, ID: G00308545

[5] IDC Worldwide System Management Software-as-a-Service Forecast, 2016 – 2020, February 2016

[6] "Artificial intelligence is set to change the face of IT operations" Forbes Magazine, July 16, 2017

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C05-739404-00 09/17