

Expanding NonStop Opportunities

NonStop - in the " Cloud " / in a " Platform " Strategy

Extending on previous articles on improving outcomes with NonStop by " Aligning Applications and Platforms ", NonStop is also relevant in conjunction with " Cloud " initiatives or in a " Platform " strategy.

A. NonStop in the " Cloud "

With the 3 Cloud scenarios below all having merit, NonStop is relevant in 2 of them. Having industry leading availability, scalability and supporting standards, NonStop is appealing for Cloud initiatives – especially for Private Cloud deployments (ie: information services inside the enterprise fire wall). This is very important to better protect corporate IP, manage change, minimize ongoing costs, reduce business risk, etc. These are important benefits – especially with NonStop to respect Executive competencies tend to be in the core business (ie: finance, distribution, medical, etc.) – not technology (which is required with an internal Server Farm deployment).

Attribute	Public Cloud	Private Cloud		Cloud-in-a-Box
To focus on Business	✓	✓	✓	✓
To align outcomes with costs, risk, etc.	✓	✓	✓	✓
To be a more agile, innovative organization	✓	✓	✓	✓
Platform	Server Farm	Server Farm	NonStop	NonStop
99.99999 % or higher system availability	yes	?	yes	yes
IP - Location	external	internal	internal	internal
IP - Exposure	?	varies	low	low
IP Security	high	varies	high	high
Minimizes technology issues	varies	varies	yes	yes
Cost - Initial	varies	varies	varies	varies
- Ongoing	varies	varies	low	low
Can quickly scale	yes	varies	yes	yes
Technology Expertise Required	varies	high	low	low
IT Resource Requirements	low	varies	low	low

B. NonStop in a " Platform " Strategy

With there being a wide range of business needs and many applications in an enterprise, NonStop should be the platform of choice for applications –

1. having high impact / business value - generates revenue, Customer facing
2. needing very high system availability - to meet User expectations
3. to avoid issues, brand damage, liability, etc. from system outages

	End User Availability	Application Attributes	Platform Category	Risk Considerations
A.	97 % + 11 days / yr down	- Non-Critical Application - For various Internal Users - Platforms: Windows or UNIX / Linux systems	1 - 4	1 - 2
B.	98 % + 7.3 days / yr down	- Dept. Application - For groups of Internal Users - Platforms: See Section A	5	2 – 3
C.	99 % + 3.7 days / yr down	- Important On-line Application - Needs additional computing, reliability - Internal Users / some External Users - Platforms: see Section A / Midrange systems	6	3 - 5
D.	99.9 % + 8.8 hrs / yr down	- On-Line, Real-Time Application - Demanding environment - Internal Users / some External Users - Platforms : Server Farm, NonStop, Sysplex	7	6 - 7
E.	99.999 % + 5.3 min /yr down	- On-Line, Real-Time - More demanding environment - Many Internal / External Users - Platforms : See Section D	8	6 - 8
F.	99.99999 % + 3.2 sec / yr down	- On-Line, Real-Time, All-the-Time - Very demanding environment - Many Internal / External Users - Platforms : Section D	9	7 - 9
G.	99.9999999 % + 32 ms / yr down	- On-line, Real-time, All-the-time - Extremely demanding environment - Many Internal / External Users - Platforms : see Section D	10	9 – 10

As you will notice in the chart above, NonStop is a " Platform " in Sec D through Sec G – where the applications have high impact on the business. And the more demanding the application or the greater the importance to the organization, the more relevant NonStop is.

Summary

Extending on the above insights about NonStop relevance in " Cloud initiatives " or in conjunction with a " Platform strategy " , to improve business outcomes there is also a need to apply metrics by specifying important applications require –

1. 99.99999 % (7 9's) or higher system availability to Users
2. \$1,000,000. / minute fee from the supplier for non-compliance

From this it's clear NonStop delivers important benefits to organizations increasingly dependent on digital services, needing to be more agile, want to make business innovation more rewarding, and to better align opportunity / cost / risk.

For additional insights on improving outcomes with NonStop, see [Expanding NonStop Opportunities](#) , [Improving Business Outcomes with NonStop](#)

Bottom line, NonStop matters – if the objective is to improve business outcomes and realize success in an on-line, real-time, all-the-time world.

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By Ron Thompson, CAIL, a HPE and Micro Focus Partner with many Customers utilizing CAIL software to improve connectivity, security, automate and modernize information services - at the desktop and in mobile. With this and CAIL Consulting Services, the objective is to enable Customers to improve business outcomes and IT value to the organization - by leveraging unique NonStop and CAIL capabilities for advantage. Further, with CAIL experiences in Business Innovation and Venture Investing, Customers and Partners are better positioned to expand opportunities, increase revenue and better manage risk.

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