Beyond Observability

Aligning Technology Performance to Business Outcomes

Who am I?







(slightreliability.com)







Agenda







How did we get here?







Availability





Availability Incidents Deploys





Pandora's box



The teams who operate the technology



The teams who operate the technology

Operational effectiveness



DORA metrics



• DORA metrics



8.35 Days





S 24 hours

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The teams who operate the technology

Operational effectiveness







Reducing **#toil** is an important part of **#SRE**, but do you measure how much toil work your engineers are doing? If so, *how* do you measure it?

Confession: I've never measured it or been part of measuring it (yet).





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Shea Stewart (He/Him) • 1st Technologist working in SRE|DevOps|Platform|QA|Customer ... 3w •••

One way that I've seen teams help get a sense of this is the use of labels on their issue tracking systems. Something like "unplanned work" or simply "toil" gives some sense over each sprint. Some planning tools will try to provide this automatically, but I prefer the human confirmation by using labels.

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Dom Finn @atomic_dom · Apr 20

Quantifying toil is another source of toil given the shape toil can take within an org. Ultimately trust and enablement as a beat practice to encourage SREs to fix things that bore them



The teams who operate the technology

Operational effectiveness To (DORA)







eNPS= %🕲- %😗 × 100

The Westrum Organisational Model

Pathological	Bureaucratic	Generative
Power oriented	Rule oriented	Performance oriented
Low cooperation	Modest cooperation	High cooperation
Messengers "shot"	Messengers neglected	Messengers trained
Responsibilities shirked	Narrow responsibilities	Risks are shared
Bridging discouraged	Bridging tolerated	Bridging encouraged
Failure leads to scapegoating	Failure leads to justice	Failure leads to inquiry
Novelty crushed	Novelty leads to problems	Novelty implemented

The Westrum Organisational Model

Messenge manage today's complex, dy	can support the environment of continuous learning v ynamic technology environments. DORA's research in 2	2022 demonstrates trained
	re and reliability: we found that "generative" culture, as <mark>e of higher reliability outcomes</mark> . And reliability has ben	
system's users, but for its m Bridging d likely to suffer from burnout	akers as well: teams whose services are highly reliable	e are 1.6 times less ouraged
ailure leads to scapegoating	Failure leads to justice	Failure leads to inquiry

The teams who operate the technology







WIP

Dependencies



DORA



Change Failure

Lead Time



What does this have to do with SRE?



Summary



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