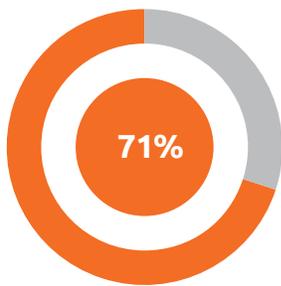# So, You Think You're Doing DevOps?

THINK AGAIN

Electric Cloud gathered data from thousands of engineers and IT leaders about their Deployment and Application Release Automation (ARA), and this is what we found...
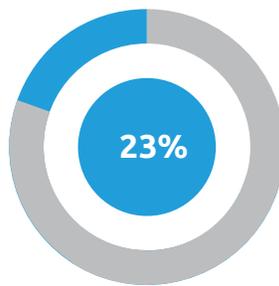
How are Deployments Handled?

The majority of deployments are still **manual**.
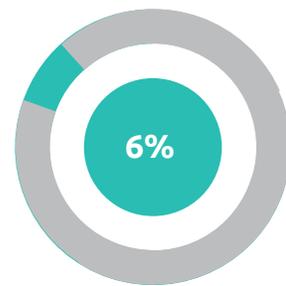Very few organizations have fully automated deployments.

71%

23%

6%

👎 **MANUAL AND AUTO**
Over 70 percent of deployments use a combination of manual processes and some automation.

👎 **MANUAL**
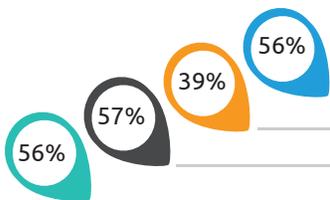23 percent of deployments are still fully manual.

👎 **FULL AUTOMATION**
Only 6 percent of deployments are fully automated.

What Does that Mean?

Lots of tough challenges with releasing software

56%

57%

39%

56%

Consider the Top Challenges

Manual deployments are extremely brittle and error-prone. This creates not only failed deployments, but the loss of hundreds of worker hours trying to troubleshoot those failures. This is certainly painful in mission critical Production environment, but carries great cost, even long before you reach production release.

Manual, Error-Prone Steps

Environment Differences and Configuration Drift

Troubleshooting Deployment Failures

Complex Application Dependencies

So, You Think You're Doing DevOps?

Automation Eliminates these Challenges and Delivers Better Results

200x
more frequent deployments

3x
lower change failure rate

24x
faster recovery from failures

2555x
shorter lead times

Puppet and DORA (DevOps Research and Assessment)
2016 State of DevOps Report

In today's digital age, IT is struggling to release software at the rate the business demands.

The 2016 State of the DevOps Report tells us that deployment automation is the linchpin of DevOps success. Automated deployments allow organizations to drastically cut cycle times, accelerate releases and reduce application backlogs and other bottlenecks.

Transform your software delivery from a chore to a competitive advantage.

The right Application Release Automation solution can dramatically accelerate your time-to-market and cycle times, give you confidence in your IT operations, enhance teamwork, and reduce operational costs.

Want to Know More about the ARA Space?

Download the Gartner Magic Quadrant for Application Release Automation

electric-cloud.com/gartner

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