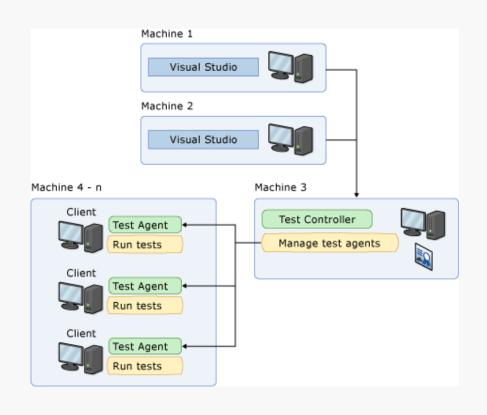
Нагрузочное тестирование с помощью Azure

Мария Горелкина magore@microsoft.com Technical Evangelist

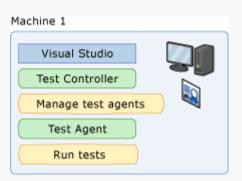
Стас Павлов stanisp@microsoft.com Senior Technical Evangelist



Classic approach (Test Agent/TestController)



or



Typical remote configuration

Local configuration (all-in-one)

Modern Approach (CLT) Cloud Load Testing

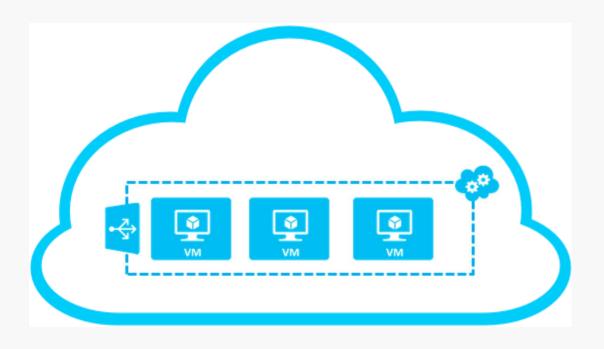


Auto provisioned agents

Modern Approach (CLT) Cloud Load Testing



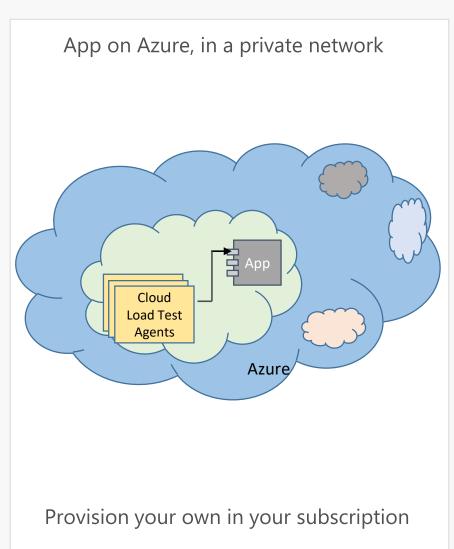
Auto provisioned agents (PaaS)

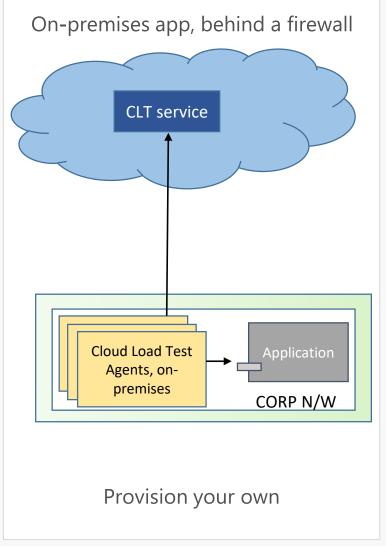


Self provisioned agents (Azure laaS)

Сценарии развертывания

App with a publicly available end point pplication **Cloud Load Test Agents** Use auto-provisioned agents **OR** Provision your own in your subscription

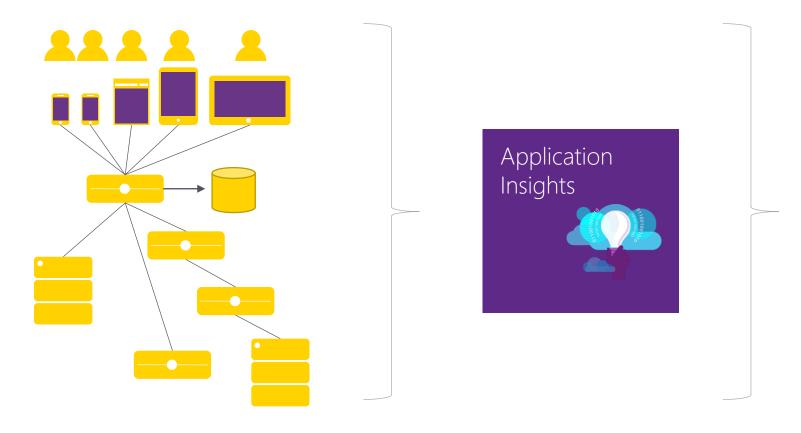




Using ARM-template

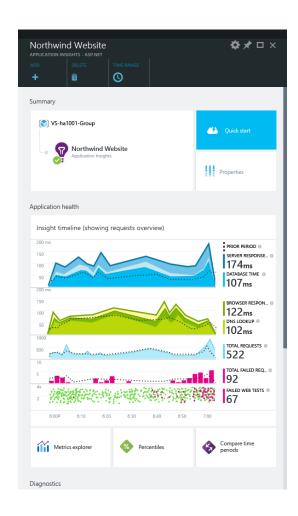
Using PowerShell

Azure Application Insights



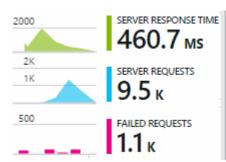
1. Сбор телеметрии на каждом уровне: мобильные приложения, серверные приложения и браузер

2. Телеметрия поступает в сервис Azure Application Insights, где она обрабатывается и сохраняется



3. Предоставление всестороннего обзора доступности, производительности и потребления приложений

Аналитика ASP.NET-приложений

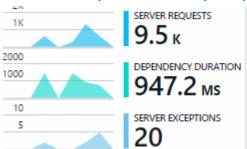


12/9/2014, 3:04:17 AM - REQUEST
POST Telemetry
URL http://icecream.fabrikam.com/catalog/
RESPONSECODE 204
DURATION
12/9/2014, 2:10:47 AM - EXCEPTION

■ 12/9/2014, 2:10:47 AM - EXCEPTION TYPENAME Script error.

HANDLEDAT unhandled

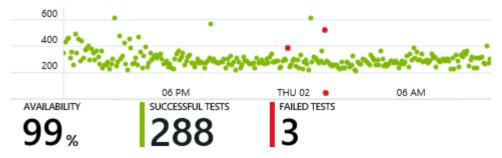
Телеметрия IIS-сервера



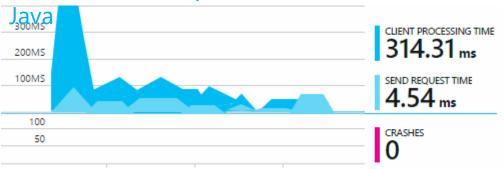
Average dependency of DEPENDENCY	verage dependency duration DEPENDENCY AVERAGE		
security.fabrikam.net	858 ms	8.9 K	
warehouse.fabrikam.net	604 ms	276	

Мониторинг доступности веб-сайтов

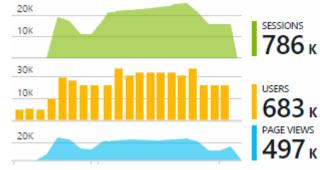
All webtests response time (ms)



Аналитика веб-приложений



Аналитика посещений веб-страниц



	Top page views	
(Default	3486
	productCatalog	2415
(cartSummary	2303
	payments	2120
(review	2026

Телеметрия работы мобильных приложений



Материалы и ссылки

aka.ms/startuploadtest

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