

Continuous Performancetesten @ NS



Onno Wierbos
Non-functional tester

teamlead

Dennis van Zundert
Non-functional tester

reisinformatie domein

Leen Brouwer
Non-functional tester

ov chipkaart domein





Let op omroep

Niet instappen

spoor

11^a



spoor

12^a



Lift naar
oren 11-15



Jaarbeursplein
oog Catherijne

Meeting
Point



Strategie 2016-2019

Spoorslags beter: Koers en keuzes NS



Onze keuzes



Slagkracht vergroten



Meer sturen op prestaties



Betere onderlinge samenwerking



Meer ruimte voor vakmanschap

Slagkracht vergroten



Vertrek	Naar / Opmerkingen	Spoor	Trein
12:25	Leiden Centraal Stopt ook in Woerden, Bodegraven, Lammenschans	9	Intercity
12:25	Weesp via Overvecht, Hilversum, Naarden-Bussum	3	Sprinter
12:27	Tiel via Houten, Geldermalsen	21	Sprinter
12:28	Schiphol Airport Stopt ook in Bijlmer ArenA	5	Intercity
12:29	Den Haag Centraal Rijdt niet	8 ^a	Intercity defecte spoorbrug

Utrecht - Den Haag
 ... Advies: naar Den Haag C. reist u via Leiden C. en Den Haag C.. Extra
 reistijd: ± 25 min. ...

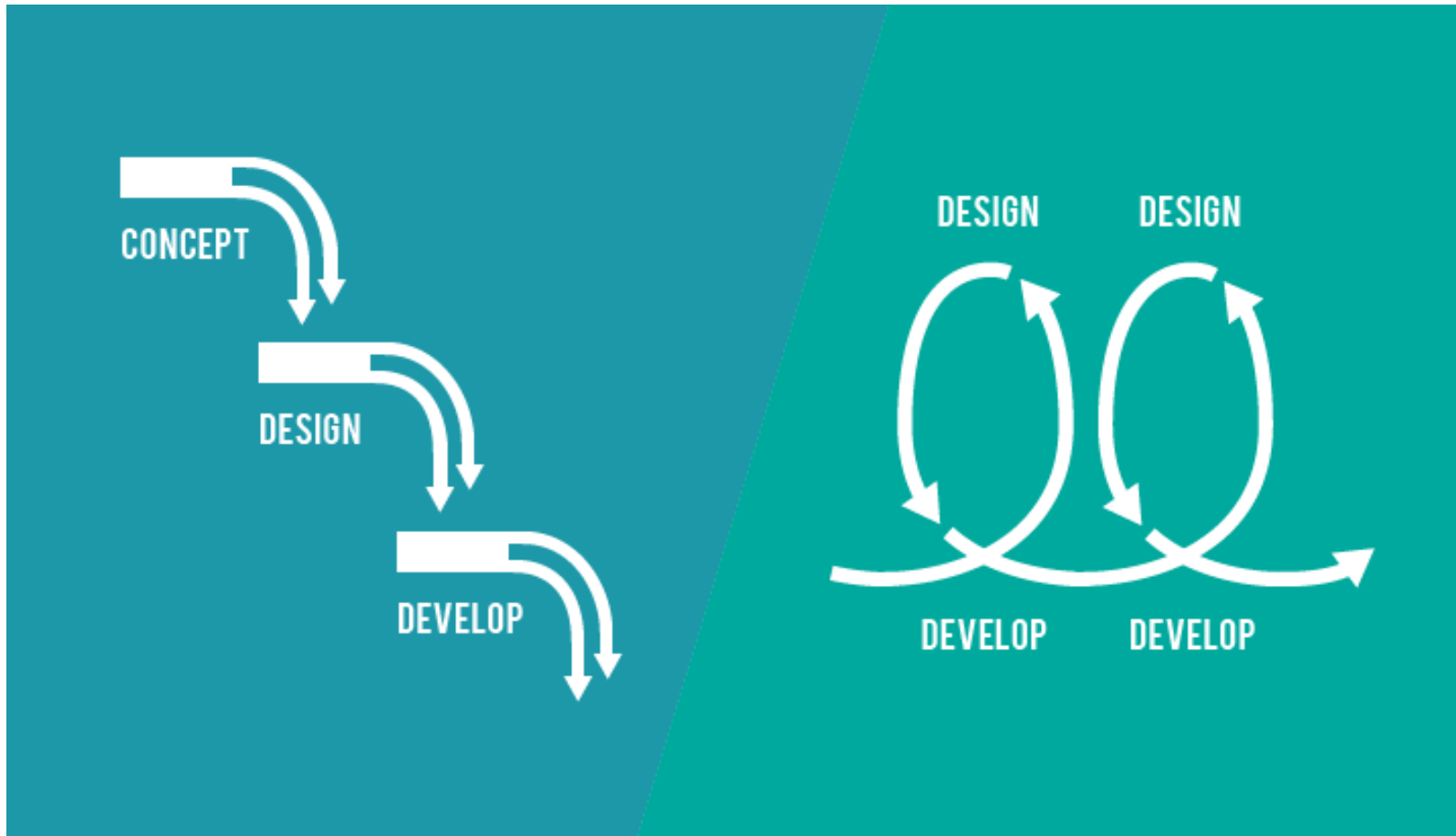
5

1
WC

Tickets &



Enkele releases per jaar → meerdere per maand



Verschillende oplossingen voor shift-left



De praktijk van Infoplus

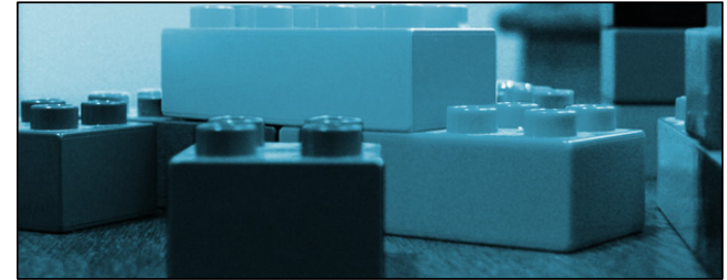


Taal en tools van de ontwikkelaars



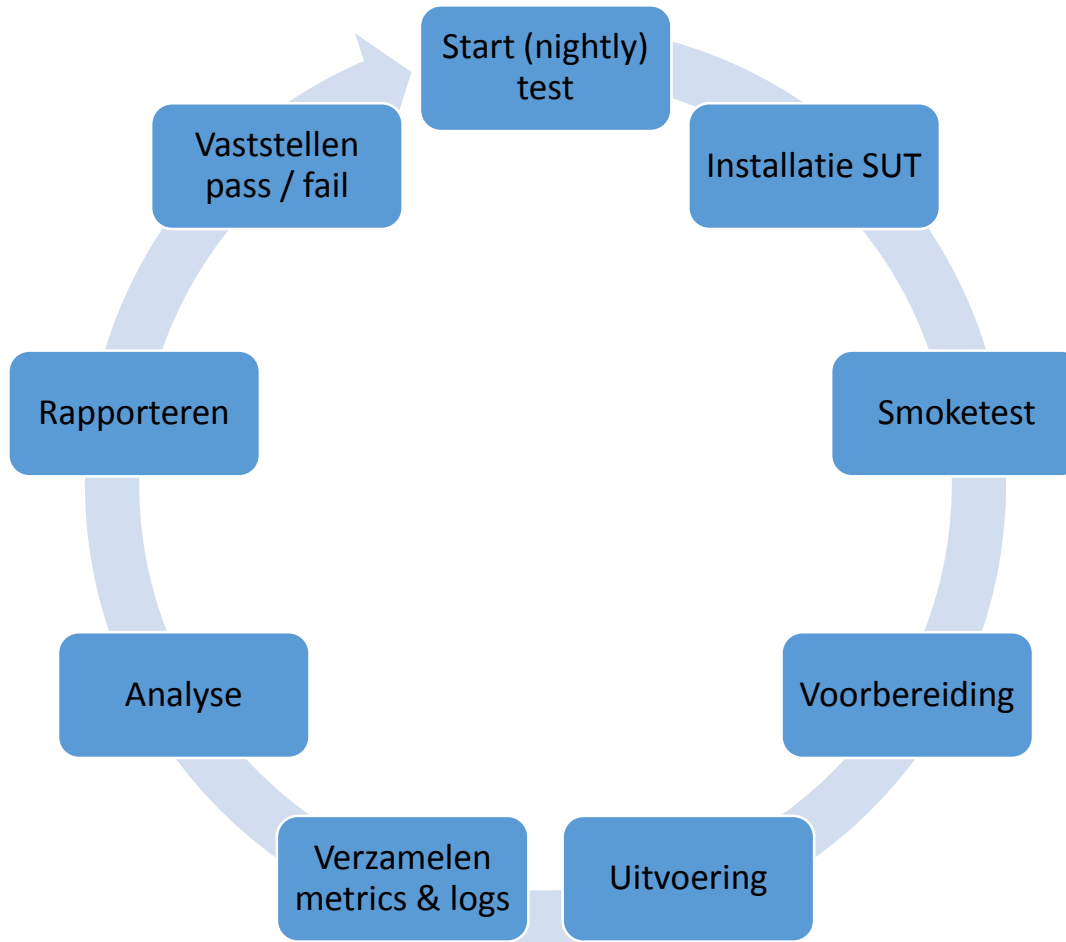
**CONTINUOUS
INTEGRATION
WITH **JENKINS****

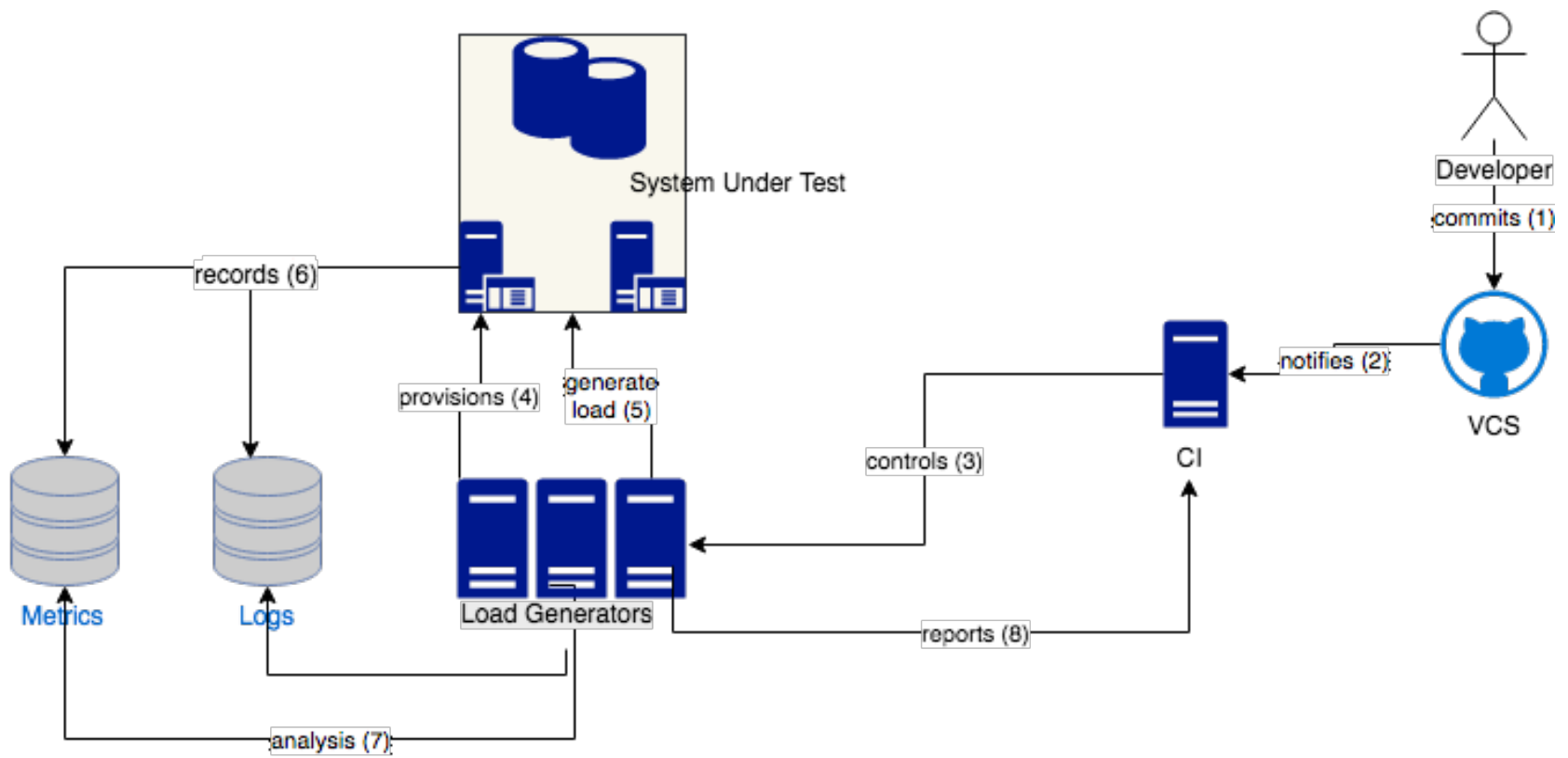
Continuous Performance Test architectuur

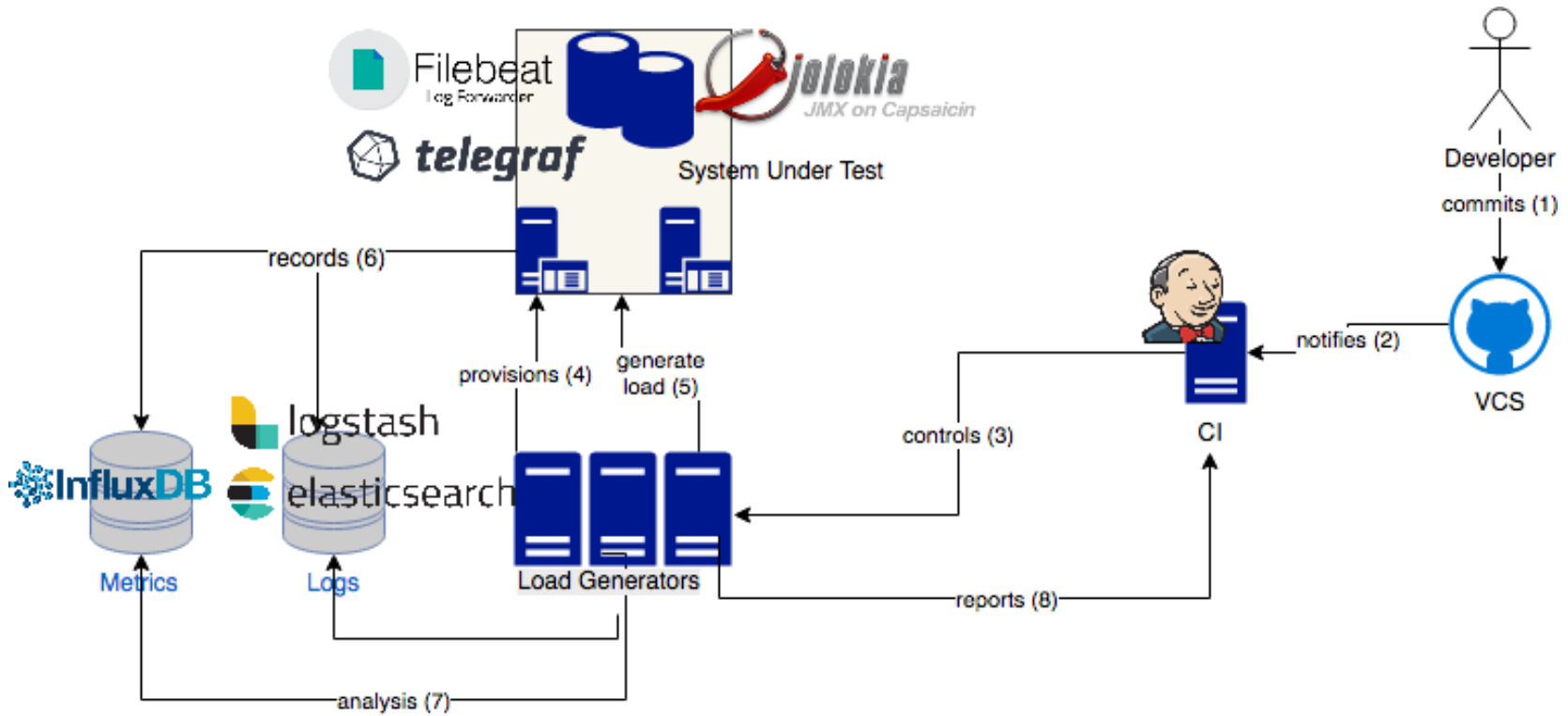


- Mogelijkheid vroeg in OTAP fases te testen
- Hoog niveau van decoupling
- Test definitie in Source Control
- Trends inzichtelijk over tijd
- Metric/log data altijd beschikbaar
- Test data moet ondersteunend zijn bij root cause analyse
- Test data en rapportages als static build artifacts per test run

Process flow







Pipeline - Stage View

Execution	Install	Install	Install	Install	Install	Run	Run	Run	Run	Run	Run	Run	Run	Run	Run	Run	Run	Run
Completed	Attempt	Attempt	Attempt	Attempt	Attempt	Task	Task	Task	Task	Task	Task	Task	Task	Task	Task	Task	Task	Task
0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Run Task

0:00



Media player controls: play button, progress bar, previous/next buttons, 00:00,00, volume icon.

Status, successen en Next steps

