Maintaining High Level SLA for DNS and Registry Application
Indonesia (.id)
Domain, Registry and DNS Statistics

**DNS Query**
~ 137 Billion Query to DNS Server .id
~ 4.000 – 10.000 Query Per Second
~ 30 – 60 Mbps access to DNS .id

**Registry**
~ 2.022.070 EPP access from Registrar
~ 20 Million EPP Transaction
Datacenter

Main DataCenter

Offline Backup (Office)

DRC DataCenter
Registry & DNS System

Main Datacenter

Registry System  DNSSec Signer  Hidden Master DNS  HSM

Backup Datacenter

Registry System  DNSSec Signer  Hidden Master DNS  HSM

Slave DNS
Anycast DNS
Monitoring Tools

- DNS Statistic Collector (DSC)
- Registry Statistic Monitoring Tool
Business Continuity Plan

Main DataCenter

Main Office

Temporary Office

DRC DataCenter
### .id Report (2017)

<table>
<thead>
<tr>
<th>No</th>
<th>Service</th>
<th>.id SLA</th>
<th>RA SLA</th>
<th>Actual</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>DNS domain .id</td>
<td>100%</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td>2</td>
<td>Whois</td>
<td>99%</td>
<td>98%</td>
<td>99.711%</td>
</tr>
<tr>
<td>3</td>
<td>EPP</td>
<td>99%</td>
<td>98%</td>
<td>99.454%</td>
</tr>
</tbody>
</table>
धन्यवाद

shidiq@pandi.id
Technical Manager PANDI