

# ISO/IEC 27018:2014-08 (E)

## Information technology - Security techniques - Code of practice for protection of personally identifiable information (PII) in public clouds acting as PII processors

---

<b>Contents</b>		<b>Page</b>
Foreword .....		v
<b>0</b>	<b>Introduction .....</b>	<b>vi</b>
<b>1</b>	<b>Scope .....</b>	<b>1</b>
<b>2</b>	<b>Normative references .....</b>	<b>1</b>
<b>3</b>	<b>Terms and definitions .....</b>	<b>1</b>
<b>4</b>	<b>Overview .....</b>	<b>3</b>
<b>4.1</b>	<b>Structure of this standard .....</b>	<b>3</b>
<b>4.2</b>	<b>Control categories .....</b>	<b>4</b>
<b>5</b>	<b>Information security policies .....</b>	<b>4</b>
<b>5.1</b>	<b>Management direction for information security .....</b>	<b>4</b>
<b>6</b>	<b>Organization of information security .....</b>	<b>5</b>
<b>6.1</b>	<b>Internal organization .....</b>	<b>5</b>
<b>6.2</b>	<b>Mobile devices and teleworking .....</b>	<b>5</b>
<b>7</b>	<b>Human resource security .....</b>	<b>5</b>
<b>7.1</b>	<b>Prior to employment .....</b>	<b>5</b>
<b>7.2</b>	<b>During employment .....</b>	<b>5</b>
<b>7.3</b>	<b>Termination and change of employment .....</b>	<b>6</b>
<b>8</b>	<b>Asset management .....</b>	<b>6</b>
<b>9</b>	<b>Access control .....</b>	<b>6</b>
<b>9.1</b>	<b>Business requirements of access control .....</b>	<b>6</b>
<b>9.2</b>	<b>User access management .....</b>	<b>6</b>
<b>9.3</b>	<b>User responsibilities .....</b>	<b>7</b>
<b>9.4</b>	<b>System and application access control .....</b>	<b>7</b>
<b>10</b>	<b>Cryptography .....</b>	<b>8</b>
<b>10.1</b>	<b>Cryptographic controls .....</b>	<b>8</b>
<b>11</b>	<b>Physical and environmental security .....</b>	<b>8</b>
<b>11.1</b>	<b>Secure areas .....</b>	<b>8</b>
<b>11.2</b>	<b>Equipment .....</b>	<b>9</b>
<b>12</b>	<b>Operations security .....</b>	<b>9</b>
<b>12.1</b>	<b>Operational procedures and responsibilities .....</b>	<b>9</b>
<b>12.2</b>	<b>Protection from malware .....</b>	<b>10</b>
<b>12.3</b>	<b>Backup .....</b>	<b>10</b>
<b>12.4</b>	<b>Logging and monitoring .....</b>	<b>11</b>
<b>12.5</b>	<b>Control of operational software .....</b>	<b>12</b>
<b>12.6</b>	<b>Technical vulnerability management .....</b>	<b>12</b>
<b>12.7</b>	<b>Information systems audit considerations .....</b>	<b>12</b>
<b>13</b>	<b>Communications security .....</b>	<b>12</b>

13.1	Network security management .....	12
13.2	Information transfer .....	12
14	System acquisition, development and maintenance .....	13
15	Supplier relationships .....	13
16	Information security incident management .....	13
16.1	Management of information security incidents and improvements .....	13
17	Information security aspects of business continuity management .....	14
18	Compliance .....	14
18.1	Compliance with legal and contractual requirements .....	14
18.2	Information security reviews .....	14
Annex A (normative) Public cloud PII processor extended control set for PII protection .....		15
Bibliography .....		23