cyber security

```
n=a(a);this.activate(b.closest("li"),c),this.activate(
ger(\{type: "shown.bs.tab", relatedTarget:e[0]\})\})\}\}, c.prototype.activate=function(b,d,e){function}
.active").removeClass("active").end().find('[data-toggle="tab"]').attr("aria-expanded",!1)
expanded", !0), h?(b[0].offsetWidth, b.addClass("in")):b.removeClass("fade"), b.parent(".dropd
find('[data-toggle="tab"]').attr("aria-expanded")
                                                   c()}var g=d.find("> .active"),h=e&
)||!!d.find("> .fade").length);g.length&&h?g.one
                                                      ionEnd",f).emulateTransitionEnd
d=a.fn.tab;a.fn.tab=b,a.fn.tab.Constructor=c
                                                      Conflict=function(){return a.fn.
w")};a(document).on("click.bs.tab.data-api",
                                                       'tab"]',e).on("click.bs.tab.dat
strict";function b(b){return this.each(functi
peof b&&e[b]()})}var c=function(b,d){this.opti
                                                      this),e=d.data("bs.affix"),f="o
o.proxy(this.checkPosition,this)).on("click.bs.affix.data-api",a.proxy(this.checkPosition
l,this.pinnedOffset=null,this.checkPosition()};c.VERSION="3.3.7",c.RESET="affix affix-top")
ate=function(a,b,c,d){var e=this.$target.scrollTop(),f=this.$element.offset(
ttom"==this.affixed)return null!=c?!(e+this.unpin<=f.top)&&"+
c&&e<=c?"top":null!=d&&i+j>=a-d&&"bottom"]
```

introduction

Use of information technology in financial sector has grown rapidly in last few years. This has highlighted the need for adopting cyber security measures to protect the integrity of data and guard against the breach of privacy.

regulatory and business needs

Various regulators like RBI, SEBI, IRDAI have issued directions to the entities governed by them for implementing appropriate mechanism to mitigate cyber risks.

relevant requirements

For Banks	For Non-Banking Finance Companies	For Stock Brokers and Depository Participants	For Mutual Funds	For Insurance companies and Intermediaries
Guidelines on IS, Electronic Banking, Technology risk management and cyber fraud Cyber Security Framework in Banks	Master Direction - Information Technology Framework for the NBFC Sector	Cyber Security and Cyber Resilience Framework for stock brokers/Depository Participants	Cyber Security and Cyber Resilience framework for Mutual Funds_ Asset Management Companies	Guidelines on Information and Cyber Security for Insurers
RBI	RBI	SEBI	SEBI	IRDAI



cyber security

what ANB can do?

Conceptualization

Framework

- Governance
- Identification
- Protection
- Monitoring & Detection
- Response & Recovery
- Sharing of Information
- Training & education

Implementation

Cyber Security Policy & Resilience Framework

- Define objectives of policy
- Risk Assessment of organizational IT andcyber risks
- Explore controls to mitigate IT, cyber and regulatory risks
- Frame Policy and its Annual Review

olicy & Cyber Security

 Define criticality of assurance requirements

Assurance Program

- Basis criticality assign milestone
- Define timelines and document it into programme
- Monitor and evaluate

Review

Cyber Security Review

- Define Scope
- Review Cyber Security & Cyber Resilience Policy document
- ReviewProcedures
- Final review report

ANB Expertise

GAP Analysis

- Framing Cyber Security & Cyber Resilience Policy document
- Consultation for implementing aforesaid policy document

Conducting review for implementation of framework & policy

case studies @ cyber security

GAP Assessment

- Understanding infosec environment
- Assessing current infosec environment vis-à-vis regulatory expectation
- GAP Assessment Report

Implementation consulting

- Setting up governance framework
- Policy documentation
- Devising monitoring mechanism & reporting

Audits

- Audits mandated by regulators
- Review of Policy & procedure document
- Effectiveness of monitoring mechanism & reporting

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